

. U. S. PAT. OFF.

# Esk your dealer again!

#### HE'S GETTING MORE PARKER 51'S



hand. Write with it. That precious Osmiridium tip glides smoothly, silently as a cloud. And only the "51" is designed for satisfactory use of Parker "51" Ink that dries as it writes. All this requires high craftsmanship—and a precision

measured in thousandths of an inch.

Today, more 51's are on the way. Still more of these "most wanted" pens will follow. The day is very near when you may have a "51" of your own. Ask your dealer again.

51's come in Black, Blue Cedar, Dove Gray, Cordovan Brown. \$12.50; \$15.00. Pencils, \$5.00; \$7.50. Sets, \$17.50 to \$80.00. Vacumatic Pens, \$8.75. Pencils, \$4.00. The Parker Pen Company, Janesville, Wisconsin and Toronto, Canada.

Copr. 1946 by The Parker Pen Company



# Behind their backs -

# "HM-M-M, PUTTING ON A LITTLE WEIGHT ?"

Well, actually, our fine little friend hasn't gained an ounce. It's her dress that's lost—inches! Such a sad case of shrinkage shouldn't happen to any girl these days. Look for a dress tagged "Sanforized"—and be sure it'll keep on fitting, keep on looking smart!



"Spending \$2 or spending \$20?" There are "Sanforized" dresses in any price range, lucky you! So always remember...look for the "Sanforized" label on all washable cottons, so shrinkage will never steal their charms away!

# or to their faces

(IT'S A SAD, SAD STORY!)



Looks that way, doesn't it? This silly girl bought a dress too big—to allow for shrinkage. What a pity! A smart shopper buys a dress tagged "Sanforized" in the size that fits, a dress that'll never shrink its good looks away, tub it as much as you will!

TO KEEP ON LOOKING SMART, IT'S GOT TO

KEEP ON FITTING! LOOK FOR THIS LABEL



• SANFORIZED • ... checked standard of shrinkage. The "Sanforized" trade-mark is used on compressive pre-shrunk fabrics only when tests for residual shrinkage are regularly checked, through the service of the owners of the trade-mark, to insure maintenance of its established standard by users of the mark.

Cluett, Peabody & Co., Inc.

#### WHO OWNS THE BELL SYSTEM?

It belongs to people in all walks of life in cities, towns and villages throughout America.

The money comes from the savings of the many.

For only the many-that is, hundreds of thousands of small investors-have the money to own such a big business.

More than half of its 700,000 stockholders are women.

About one stockholder in thirteen is a telephone employee.

The average number of shares held per stockholder is 30. More than 210,000 stockholders own five shares or less.

No one owns as much as onehalf of one per cent of its stock.

About one person in every 200 in the United States is a part owner of the Bell System.



BELL TELEPHONE SYSTEM





tles, being marketed under various trade names, are those made by duPont.

"Prolon" is our trade name for the very finest grade of this duPont synthetic bristle.

#### PROLON — no finer bristle made

So, when you read or hear competitive tooth brush claims, ask yourself this: How can the same duPont bristle, in another brush under another name, last longer or clean better than under the name "Prolon" in a Pro-phy-lac-tic Tooth Brush? You know the answer ... it can't!

#### Only PROLON has "round ends"

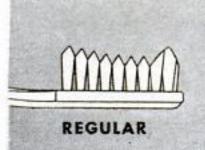
Pro-phy-lac-tic's big plus is that Prolon is the only synthetic bristle that is rounded at the ends.

It's a fact! Under a special patented process, exclusive with Pro-phy-lac-tic, we smooth and round the end of each and every bristle in the Pro-phy-lac-tic Prolon Tooth Brush. See for yourself how much gentler these round ends are on tender gums!

#### And with PROLON these other "extras"

In addition to round-end bristles, the Pro-phy-lac-tic Prolon Tooth Brush gives you these three important "extras": 1. The famous Pro-phy-lac-tic end tuft, for ease in reaching hard-toget-at back teeth. 2. Scientific grouping of bristles to permit thorough cleansing of brush after using. 3. Guaranteed for 12 full months of use.

Next time, get the most for your money! PRO-PHY-LAC-TIC BRUSH Co., Florence, Mass.



Pro-phy-lac-tic PROLON BRUSHES



#### LETTERS TO THE EDITORS

#### SENATORS UP FOR REELECTION

Sirs:

Congratulations on publishing the frank and honest opinions of our venerable senators' abilities and fitness for their jobs (LIFE, March 11). The public needs this type of guidance. They certainly don't get it from the political machines.

SGT. D. F. MERRILL

Philadelphia, Pa.

. . . With the exception of those few blessed men who apparently have either the brains or the courage to rise above our system, your brilliant criticism is an indictment not so much of the too-human men who suffer stings and castigation as of the political parties and people who placed them in high office.

THOMAS G. PROCTOR

New York, N.Y.

Sirs:

Since when is Senator Burton K. Wheeler an asset to the U.S. Senate? I believe he is more of a liability than anything else. Any congressman who admitted selling 1,000,000 of his franked postcards to the America First Committee certainly is not a valuable public servant. . . .

R. FEIN

New York, N.Y.

Sirs:

Being a chess enthusiast and a Republican from New York, I could not forbear commenting on the picture of Senator Huffman, the Democrat from Ohio, who had his picture taken while playing chess. Although Senator Huffman is trying to look very profound, I am sure that he will have a difficult time winning the game since the move he is about to make is impossible in that position

#### CONTINUED ON PAGE 6

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April 1, 1946

Volume 20 Number 13

#### Never neglect a kitten scratch

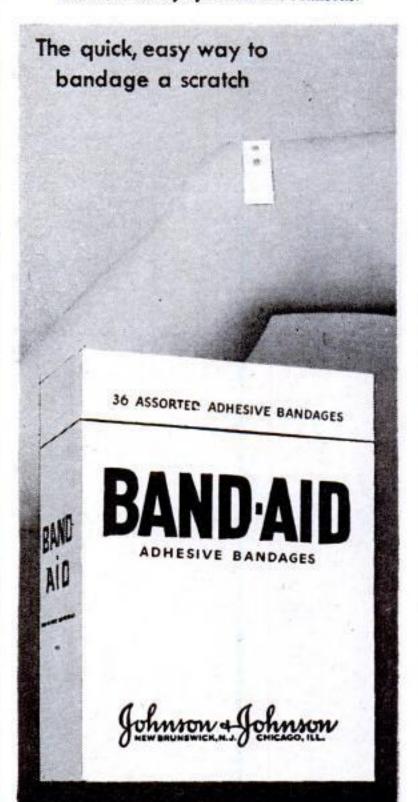


Any scratch can become infected. Never take a chance!

Treat the scratch properly. Then put on a BAND-AID\* - the Johnson & Johnson adhesive bandage. It comes to you sterile; keeps out dirt, helps prevent infection.

Four times as many doctors recommend BAND-AID as any other readymade adhesive bandage. Keep one box at home—one where you work.

\*BAND-AID is the Reg. Trade-mark of the adhesive bandage made exclusively by Johnson & Johnson.



# "I had a feeling I was being followed!"

"IT HAPPENED IN BROAD DAYLIGHT - in the town's biggest department store.

"I heard footsteps. Felt eyes on my back. A moment later, as I stepped up to the counter to buy my first beautiful new Cannon Percale Sheets since the war, came a tap on my shoulder!

"There stood a cute little wide-eyed gal with 'bride' written all over her. Seemed she was out to buy the first sheets of her life. Didn't know beans. Was just waiting for some one who looked hep to come along. (That was me.) Hoped I could give her some tips!

"'You've asked the right person!' I grinned. 'Me-I'm the original Cannon Percale Sheet fan! Got 'em for my trousseau back before the war. Picked 'em because they were so soft and smooth and wonderful. Been congratulating myself ever since on the way they wear!'

"By that time, the salesgirl had my new Cannon Percales out. 'Blissful!' sighed the bride. 'I don't care if I am extravagant-'

"'Surprise-you don't have to be!' I beamed. 'Cannon Percale Sheets give you percale's own luxury and lightness for prices that would bring a grin to a porcelain piggy bank. Honey child-here's where you live up to your trousseau dreams!"



#### IF THIS IS YOUR DREAM A CANNON PERCALE IS YOUR SHEET

A sheet that's a beauty!

So fine-woven-so smooth-textured. Touch one. Feel that blissful, slip-you-to-sleep softness!

A sheet that's a wonder for wear!

Just ask the gals who were lucky enough to own Cannon Percale Sheets during wartime. Under long and hard wear, Cannon Percale Sheets prove themselves real troupers!

A sheet that makes housekeeping easier! Bedmaking and home laundering are less work with Cannon Percale Sheets-they're so light. Yet they're woven of fine, soft, longstaple cotton-with 25% more threads per inch than best-grade muslins.

A sheet you can depend on!

That Cannon label assures you you're getting your sheet-\$\$\$ worth every time! Cannon Percale Sheets are wonderful anywhere, anytime, in any store you find them!

Cannon Percale Sheets

P.S. Another real Cannon value is Cannon Muslin Sheets - well-made, long-wearing!

Cannon Blankets • Stockings • Towels ★ Cannon Mills, Inc., New York 13, N. Y.



# SURE KILL FOR MOTH WORMS

Make sure you kill moth worms—they do the real damage! They'll be dead, not just stunned—if you protect your clothes with Bug-a-boo Moth Crystals. Far more effective than ordinary moth balls! They vaporize instantly, leave no lingering odor.

Bug-a-boo's special, quick-acting ingredients saturate the air with vapor that gives woolens real protection. Bug-a-boo's clean, pleasant scent keeps chests and closets fresh!

Handy to use! Vaporizers included with each 1 lb., 3 lb. and 5 lb. package. Refill your present vaporizers with Bug-a-boo Moth Crystals. Get them at your favorite store today!

"GBYE BOYS, IT'S

MOTH CRYSTALS"







Also: Bug-a-boo Super Insect Spray with and without D.D.T.
Bug-a-boo Garden Spray • Bug-a-boo Repellent

# LETTERS TO THE EDITORS

and the board is set up wrongly. The good senator is playing the game sideways and has been so careless about losing pawns that he ought to resign—from the game, that is.

R. P. Schafer New York, N. Y.

• The chessboard shown in LIFE's picture was set up by Senator Huffman's son and the senator failed to notice the error.—ED.

Sirs:

... It is indeed regrettable that so few of our public servants cannot have the reputation even among their opponents which you quote for Austin of Vermont—not "just a Republican but first of all a great American..." F. M. Sims

Indianapolis, Ind.

Sirs:

... Concerning our Radcliffe, we like him as he is.

J. Tyson Lee Frederick, Md.

Sirs:

Lordy, lordy, LIFE, you done done it again. That article on our senior senator is good for at least 40,000 votes. He is in again.

I can hear the Hon. Theodore Bilbo, in a few months, campaigning with his diamond stickpin and red suspenders, telling his constituents about that scandalous magazine, LIFE, that is owned by the Jews of Wall Street—that Negro-loving magazine (sometimes it seems you are).

Not all Mississippians are for Bilbo, but most of us are satisfied (more or less) as things are and any other man to be elected would have to support, in a general way, the theory of segregation of races.

If you Yankees don't quit pestering us, we are going to have to organize a society for the protection of Southerners. I still like your magazine.

RALPH W. HICKS

Pass Christian, Miss.

Sirs:

LIFE's reputation for objective reporting will be seriously injured in Texas by your unwarranted characterization of Senator Connally as a buffoon and blunderer. Texans have a proper pride in Senator Connally's competent handling of his high responsibilities as chairman of the Foreign Relations Committee and as U.S. delegate to UNO, and they resent the supercilious opinions you express of his services.

HARRY L. SEAY

Dallas, Texas

Sirs:

I'll wager that every member of Congress has studiously read the article. If not one of those under scrutiny, he is wondering what LIFE would have written about him. His activities from now on may show a decided improvement. Let us hope so.

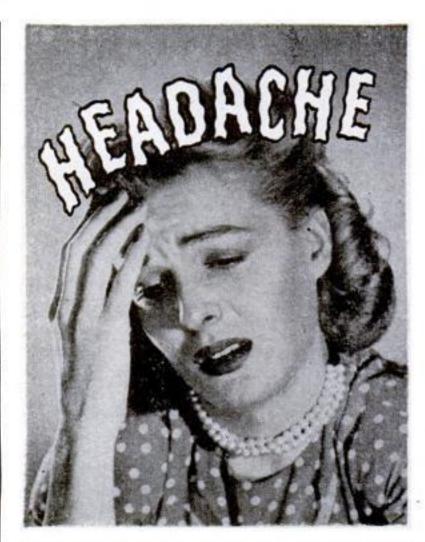
Louis S. Killiony

Jamaica Plain, Mass.

#### SNAKE LOVER

Sirs:

I have read "Herpetologist" (LIFE March 11)... I think it certainly is absurd to call a snake "honey" and "cutie pie." Then to top it off, ap-







So many people find that Bromo-Seltzer gives fast relief for ordinary headaches! Bromo-Seltzer fights headaches three ways: (1) Helps relieve the headache itself. (2) Helps relieve upset stomach. (3) Helps quiet jumpy nerves that may combine to cause trouble. Bromo-Seltzer gets 90 separate laboratory tests for uniform quality and purity! Caution: use only as directed. Get

Bromo-Seltzer at your drugstore counter or fountain today! Four convenient home sizes.

Compounded by Emerson

Always take

BROMO-SELTZER

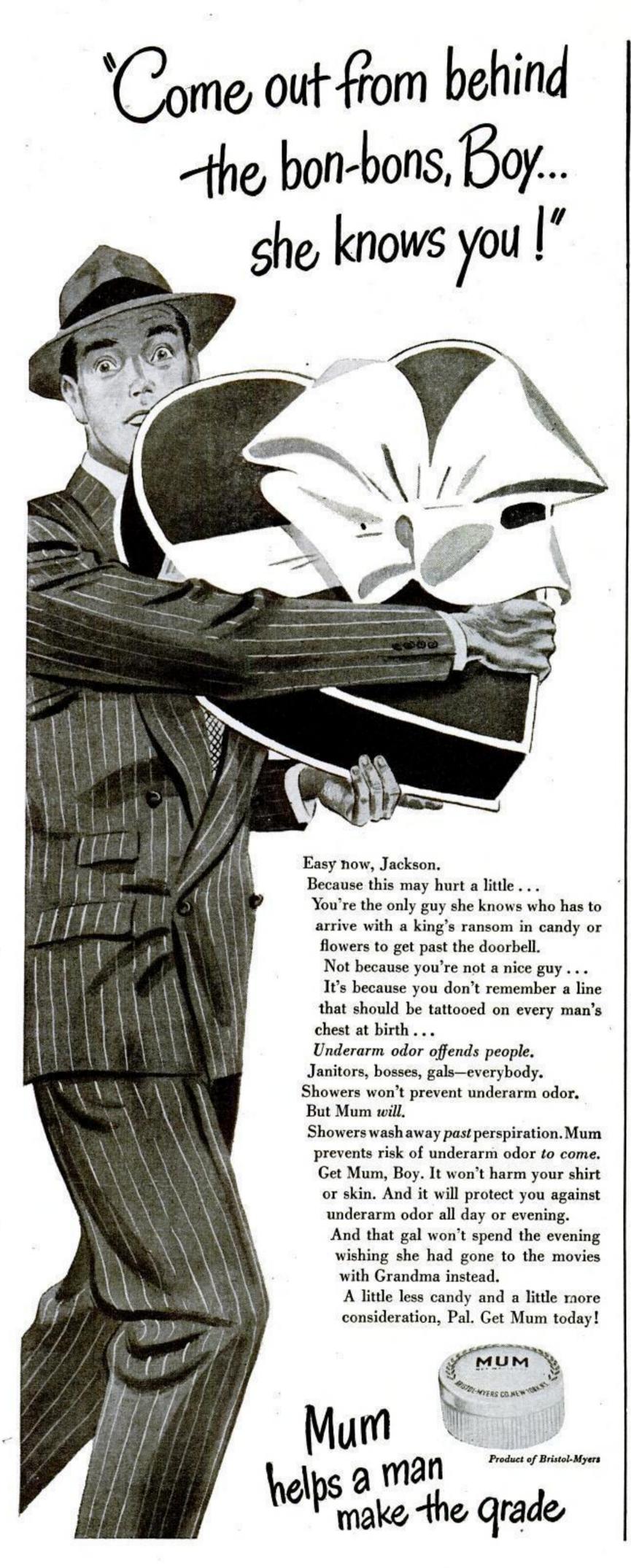
for FAST headache relief

CONTINUED ON PAGE 8

# Here's why most Motorists prefer Champion Spark Plugs



FOLLOW THE EXPERTS . . . DEMAND DEPENDABLE CHAMPIONS FOR YOUR CAR



# LETTERS TO THE EDITORS

parently Mrs. Wiley enjoys having a rattlesnake or boa constrictor wriggle up to her and snuggle close. Would you permit it?

HARRY L. CHANT JR.

Middletown, N.Y.

 LIFE does not necessarily endorse the actions of those who appear in its pages.—ED.

Sirs:

Do we have to put up with those horrid snake pictures? Every week I turn page after page and at each one I



BINGO!

wait for a reptile to jump at me. Finally I get confident and think, "Well, this week it's different." Then bingo!

MRS. MICHAEL TOTH Sharon, Pa.

#### CONSISTORY

Sirs:

May I congratulate you upon the fine articles and splendid pictures of the newly elected cardinals and the various ceremonies connected with their elevation that appeared in LIFE (March 11). Thank you for bringing this memorable event so close to home.

HELEN SEHM

Rochester, N.Y.

Sirs:

As one of the original and continuous subscribers to LIFE I am taking the liberty of writing to you about a matter which has become a subject of increasing concern to us recently. I am one of many, perhaps a majority of your readers, who sincerely regret your overemphasis of the Roman Catholic ceremonies in Rome when 32 priests of that communion were given seats in the College of Cardinals. Doubtless it was a matter of deep interest to the Roman Catholic constituency and as such merited effective press notice. When, however, week after week after week it is made the focal point of interest, it ceases to be news and becomes propaganda.

MARY LOUISE BLINN

Glendale, Ohio

Sirs:

May the enemies of Christianity take heed that the 1,900-year-old church which many people think oldfashioned is on its toes.

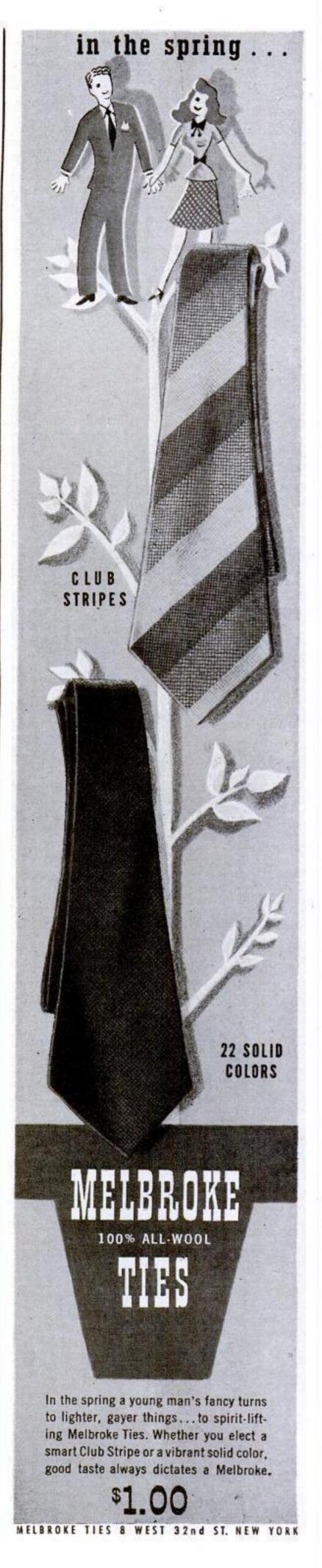
RAPHAEL KAMEL

#### Tyler, Texas HARD WATER

Sirs:

Readers of the article, "Hard Water" (LIFE, March 18), on which our engineers collaborated with your editors, may wonder how zeolite water conditioners work. The enclosed photo shows a transparent plastic working model of an average-sized Permutit Conditioner.

Hard water enters right-hand tank



CONTINUED ON PAGE 11



### Not by the Calendar, but by the Hour





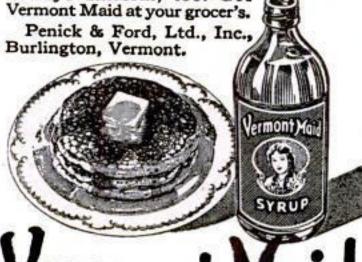
Sugaring-off draws New England youngsters to the sugar house! Hot maple syrup, cooled on snow, makes delicious candy—"sugar on snow."

#### Full of real maple sugar flavor

If you've ever tasted "sugar on snow" and remember the luscious goodness of that real maple sugar—then you know the delicious flavor of Vermont Maid Syrup.

To give you this rich maple sugar flavor, we first select a maple sugar that has a good, full flavor. Then blend it with cane sugar and other sugars.

This blend enhances the flavor of the maple—makes it richer, more delicious. Always uniform, too. Get Vermont Maid at your grocer's.

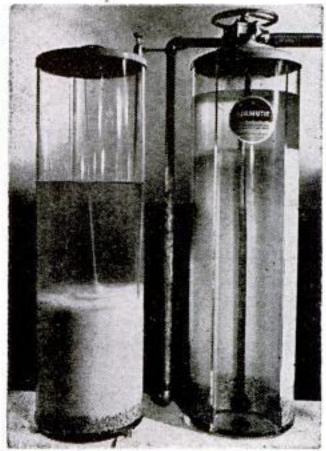


# Vermont Maid



# LETTERS TO THE EDITORS

(five feet high), percolates down through zeolite granules, which extract the dissolved hardness-forming minerals. Periodically the zeolite is



HARD-WATER SOFTENER

cleaned and regenerated by flushing through it a solution of common salt contained in left-hand tank. The salt is flushed to sewer; none remains in water.

> H. W. Foulds President

The Permutit Co. New York, N. Y.

#### COPS VS. STRIKER

Sirs:

When the residents of Philadelphia look at the picture in LIFE (March 11) of five Philadelphia policemen armed with riot sticks mercilessly beating a picket who sought safety on a private porch, they will hang their heads in shame.

Roy Brown

Fort Wayne, Ind.

Sirs:

Those cops look more like the SS troops of Nazi Germany. Is this democracy, when a helpless man is beaten to the ground by five policemen armed with clubs?

S 2/C CHARLES F. MACCUBBIN Boston, Mass.

Sirs:

...Don't forget that this victim was a member of a gang of several thousand insolent, unruly ruffians who defied the laws and courts of the State of Pennsylvania. Don't forget that these same men have destroyed the property of their fellows, have thrown mud and paint and have attacked workers not on strike.

RALPH SHAW JR.

Edgewater Park, N. J.

#### SHORT HAIR

Sirs:

The protest of the New Rochelle High School swimming team against dating girls with short hair is understandable (Letters to the Editors, LIFE, March 11). In the 1945 county championships their long-haired, freestyle relay team lost the championship to Mamaroneck and used the alibi that their anchor man dove off before being touched because his hair got in his eyes. This lament is sung to the tune of Smoke Gets in Your Eyes.

MAMARONECK SWIM TEAM, '46 Mamaroneck, N. Y.

## Here's first beauty advice he gives his Million-Dollar' POWERS MODELS



If your hair is stringy, dull, lifeless looking—give it a 10-minute 'glamour-bath' with beautifying Kreml Shampoo. Then see how it sparkles for days with gorgeous, glossy-sheen beauty—see how it helps hoodwink 'him' into slavery before he even knows it!

Kreml Shampoo is the choice of the lovely Powers Models whose hair must always look its radiant best. What better recommendation could you desire!

#### Positively never leaves any dull, soapy film

Kreml Shampoo thoroughly cleanses hair and scalp of dirt, grease and loose dandruff. It brings out all the hair's natural shining glory—leaving it so much softer—silkier.

#### Beneficial oil base helps keep hair from becoming dry

Kreml Shampoo is so mild and gentle on the hair. It contains no harsh caustics or chemicals to dry or break the hair. Rather, its beneficial oil base is wonderful to soften dry, brittle ends.

So 'glamour-bathe' your hair with Kreml Shampoo—it's definitely for the girl with designs of larceny on a man's heart. All drug, dept. and 10¢ stores.











THE MAD PIANIST plays part of Mozart's Concerto in D Minor in a broadcast from the Wayne County General Hospital for CBS program, We, The People. His expressions

#### SPEAKING OF

#### MAD PIANIST PERFORMS FOR

The pianist shown in these pictures is literally a madman. He is a 45-year-old schizophrenic patient at Wayne County General Hospital near Detroit. There he is undergoing musical therapy, an attempt to cure his schizophrenia by encouraging him to play the piano. The photographs were taken as he played on a nationwide CBS radio broadcast.

Horace F. was a very promising pianist who was encouraged by famed Pianist Ossip Gabrilowitsch. He became a piano teacher but was too shy to play in public. Soon after Gabrilowitsch died in 1936, Horace fell victim first to blind spells, then a persecution complex. At 36 he reverted to infancy, became unable to walk,

ALONE WITH HIS MUSIC Horace practices before the broadcast begins. His musical therapist stood nearby, had to restrain his eagerness until the exact moment to play. The





reflect moods of the music. While playing he often talks to himself, saying, "Horace, how well you play!" Psychiatrists say such public performances aid their introverted patients.

#### PICTURES...

#### A NATIONWIDE RADIO AUDIENCE

talk or feed himself. Eighteen months ago a piano was wheeled into his room and a therapist played Chopin. Horace got out of bed. Soon he was able to play for himself. His performance electrified a gathering of music educators and Composer-Conductor Howard Hanson called him "a genius."

Now Horace has partially regained his speech, is able to serve himself and plays with as much gusto as before his affliction. It is uncertain that he will ever be completely cured but his case has encouraged further use of this therapy. Last week in San Francisco a mental patient called Miss Y gave a public recital and inspired further hope that doctors may be able to cure madness with music.

therapist was not sure Horace understood that he was to broadcast until he blurted, "I'm going to do it if it kills both of us!" Radio performance was not up to his usual standard.









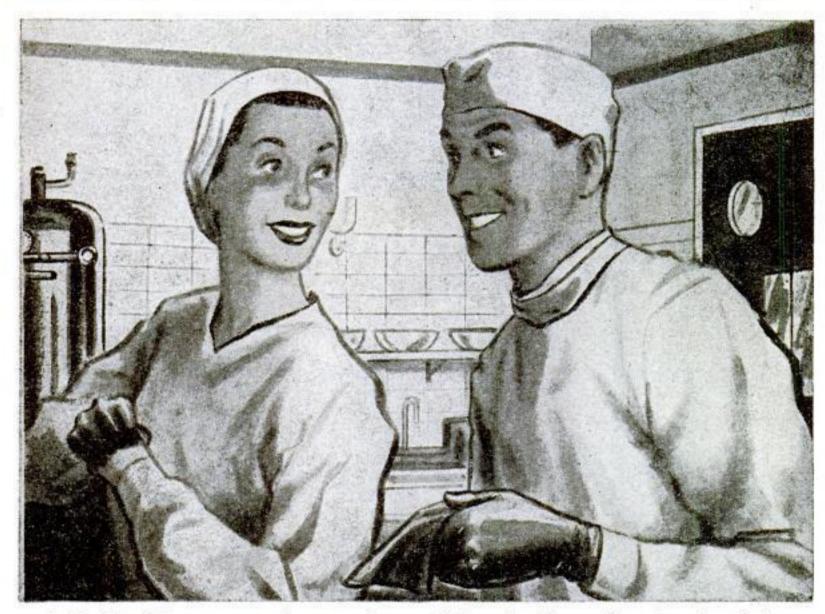
#### WHY THE SURGEON SMILED

#### -or the Nurse's Reward



7 A. M. "That new young surgeon is operating at 8:45. I must be alert—and I feel awful," moans Marge. "Guess I

need a laxative." "Well, you know what's indicated," says Nan. "Go fix a glass of sparkling Sal Hepatica, honey."



9 A. M. "Pretty smooth operation, Doctor," says she. "Pretty competent nurse," says he with a flashing smile. Again Sal Hepatica brought ever-soeasy relief within an hour—as it usually does, taken first thing in the morning.

This refreshing saline laxative helps counteract excess gastric acidity; helps turn a sour stomach sweet again, too. It's recommended by 3 out of 5 doctors interviewed in a survey. Do try it, yourself, next time you need a laxative!

ASK YOUR DOCTOR about the efficacy of this famous prescription! Sal Hepatica's active ingredients: sodium sulphate, sodium chloride, sodium phosphate, lithium carbonate, sodium bicarbonate, tartaric acid. Get a bottle of Sal Hepatica today, remembering this: caution—use only as directed.

#### Whenever you need a laxative -take gentle, speedy SAL HEPATICA

"MR. DISTRICT ATTORNEY"—Wednesdays, NBC, 9:30 P.M., E.S.T.
"THE ALAN YOUNG SHOW"—Fridays, ABC, 9:00 P.M., E.S.T.

#### SPEAKING OF PICTURES



AFTER CONCERT Horace bows to applause of hospital audience. With him is his therapist, Mrs. Jane Matney. Early in cure she had to turn music pages for him. Otherwise he would simply repeat same page over and over.



HEARING REBROADCAST of the radio recital, Horace clings to mother's hand. She is anxious to publicize her son's case because, she declares, "It helps others realize how much musical therapy can do for the mentally ill."





### LIFE'S REPORTS

### NOTES FROM BALI

#### Correspondent visits lush isle freed from Japs

by ROBERT SHERROD

DENPASAR, BALI

The Japanese didn't do Bali any good. Just as they neglected every place they infested, the little yellow men let Bali run down. They had no motor transport so the winding roads through some of the world's most beautiful mountain scenery have grass growing through cracks in the single-lane pavement. The Japs also shipped more rice from the island than it could spare. They instituted rice rationing—an unimaginable thing in Bali's almost perfectly balanced economy, where there was always just enough of everything for everybody but not too much. They tortured many Balinese for no reason discernible beyond inherent Japanese sadism. Fortunately Japan sent only 3,000 of its bullies to Bali.

Since the war's end the Balinese have been annoyed by some Moslem immigrants from adjoining Java who sought to convert the Balinese to freedom in conjunction with the Indonesian movement. However lofty their motives, these immigrants found the



BALINESE ARE FAMOUS DANCERS

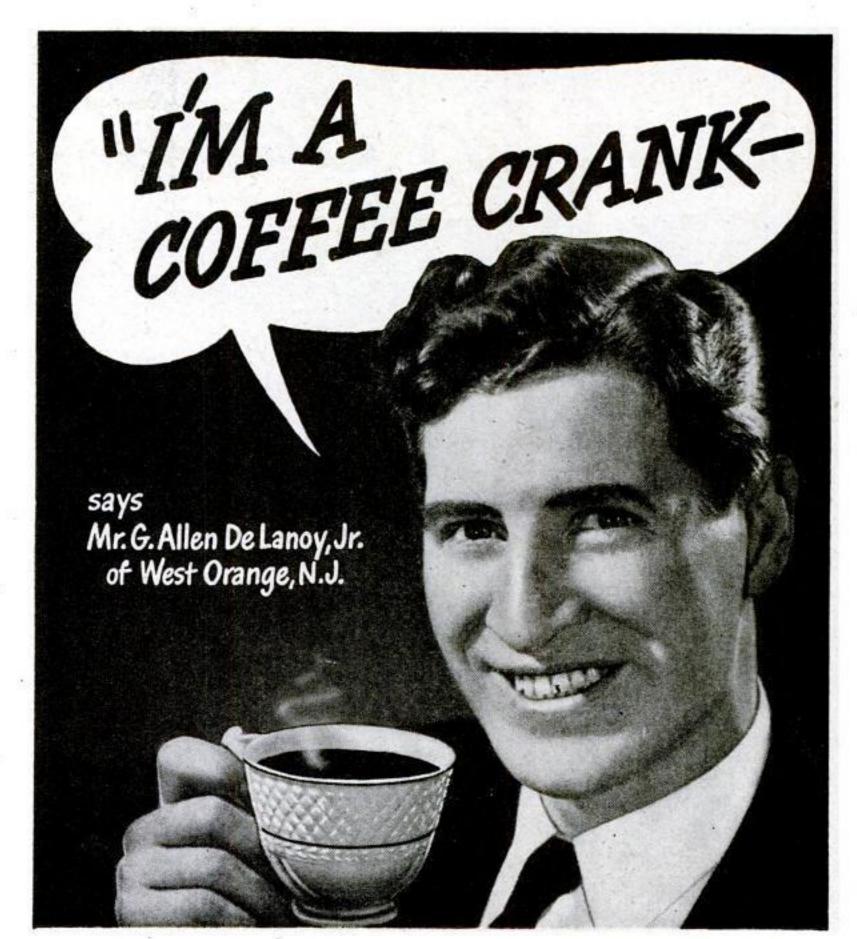
Balinese largely indifferent to their cause and content with traditional Balinese life. The Moslems did manage to enlist some young men in their fire-eating pemoeda (youth) movement, and these youngsters managed to frighten other Balinese into not working for the Dutch when they returned recently. But the pemoeda movement seems likely to die of inertia unless the Dutch troops give it cause for survival. The Dutch say they intend to withdraw their troops from Bali as soon as order is restored and the civil administration can take over. That

will suit the Balinese. There were only 240 whites on the island, which had a total population of a million and a half before the war.

The extrovert Balinese are happy people. That is the considered opinion of various observers, who wander continuously through this nether part of the world seeking to find somewhere a place where there is no starvation, no strife and where life is "normal." Bali is not perfectly normal, but it is nearer to it than any other place I've encountered since 1941.

The Balinese are probably less self-conscious than any other civilized people. Thus it never occurs to women that it is immodest to go around bare-breasted. (Incidentally, the generally high standard of Balinese breasts is attributed to the women's carriage; from the time they are 7, female Balinese carry well-laden baskets on their heads, thereby attaining a carriage which permits of no flat chests.) The Balinese bathe several times daily. You can see men sitting in the stream on one side of the road placidly enjoying the flow of cool water over their bodies, while the women bathe in a stream directly opposite. Sometimes the men and women bathe in the same stream some distance apart. In this case the men are always upstream of the women. In any case it never occurs to naked men to look at naked women or vice versa.

Life in Bali today is well-ordered. It is finely organized into clubs for sitting on bridges, for hunting squirrels or for drinking at 11 o'clock each Tuesday morning. The caste system is as rigid among the happy Balinese as it is among the unhappy Hindus of



-but I've discovered an INSTANT coffee as delicious as the finest qround coffee I ever tasted—
IT'S G. WASHINGTON!"



No coffee pot, no grounds, NO ADDED "FILLERS"—
no wonder thousands are switching to this PURE coffee!

on the market. No wonder the NEW G. WASH-INGTON'S is causing thousands to say it's as delicious as the finest ground coffee they ever tasted! No coffee pot; no grounds. Just half a teaspoonful and boiling water for a grand cup of coffee. That's because it's pure coffee—100% coffee, with no "fillers" added. Ask for G. Washington's at your grocery or delicatessen store today. It costs no more! The 2-oz. container is equal to a pound of ground coffee.

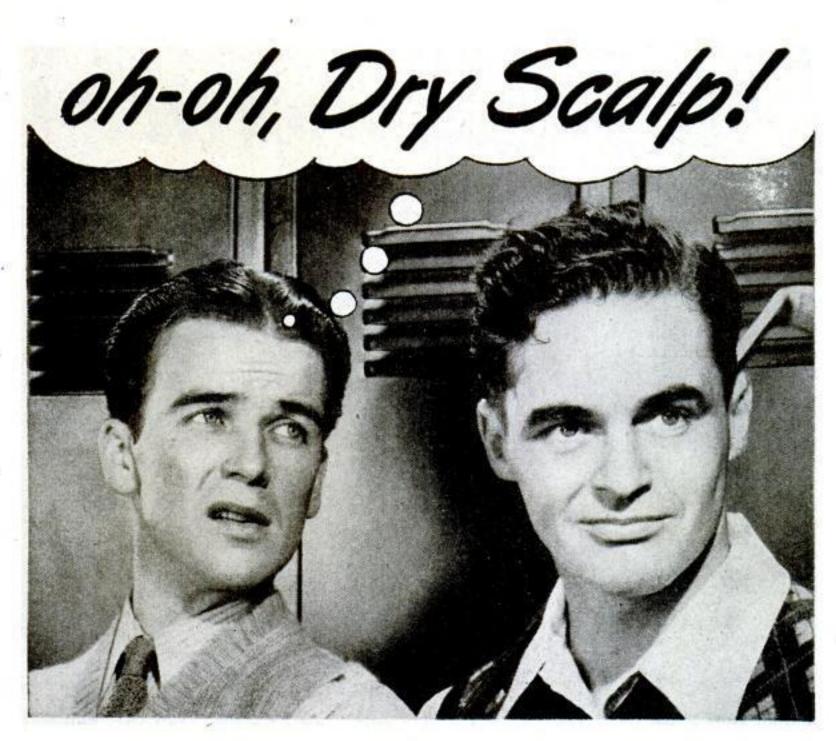
THE NEW CONTROL OF THE STANT OF THE STANT OF THE NEW CONTROL OF THE STANT O

A PRODUCT OF AMERICAN HOME FOODS, INC.

CONTINUED ON NEXT PAGE

NO MALTOSE, DEXTRINS OR DEXTROSE.

JUST 100% PURE COFFEE



"... SHAME FOR TOM to neglect his hair that way. Dry Scalp is the trouble. Makes his hair look messy, and it's almost impossible to keep it combed. H-m-m, loose dandruff on his shoulder, too. Hanged if I don't tell him about 'Vaseline' Hair Tonic..."



IT WAS GOOD ADVICE FOR TOM... it's just as good for you. Five drops of 'Vaseline' Hair Tonic a day check Dry Scalp by supplementing the natural scalp oils. Your hair looks better. Your scalp feels better. Itchiness and telltale dandruff scales disappear. Remember, 'Vaseline' Hair Tonic works with nature—not against it—contains no alcohol or other drying ingredients. Try it also with massage before shampooing. It's double care—both scalp and hair.

#### Vaseline HAIR TONIC

Used by more men today than any other hair tonic

#### LIFE'S REPORTS CONTINUED

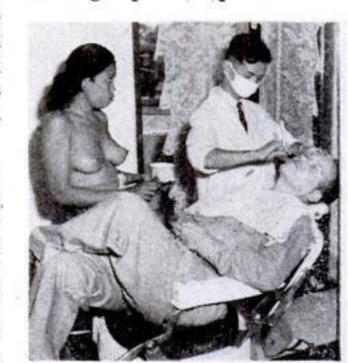
India, but Hinduism in Bali omits some of India's less desirable rites. The Balinese cheerfully eat their cows, something an Indian Hindu would die before doing.

No Balinese man tries to rise above his caste. The worst thing that could happen to him—banishment from his own kampong (village)—is inflicted if a man marries above his station. Banishment often means starvation since other kampongs frown upon feeding the banished or outcasts.

This regimentation extends to the ducks. Snow-white Balinese ducks in platoons of 25 to 50 waddle resolutely in columns of five down the roads of Bali. When their shepherd reaches his rice paddy he plants a small flag—it may be a stick surmounted by feathers—and goes to work at his sowing or harvesting. As long as that flag is hoisted, the ducks remain nearby, happily quacking and swimming in the paddy. When the flag is picked up at the end

of the day the ducks know it is time to go home. They get up and march after the shepherd down the road again as their duck forebears have been doing for centuries.

Animal and fowl life is abundant. Bali's dog population is said to be the world's densest—many hundreds in even the smallest villages. It is considered good form to pay a guilder or two for chickens or pigs which are traffic victims. One day when I was riding through the center of Bali with a British colonel our



. S. OFFICER GETS BALI SHAVE

car ran over a chicken. The colonel stopped the car, walked back and paid the villagers 50 guilders: "They might think badly of the King. After all, there is a Union Jack painted on the car."

One of the more charming aspects of Balinese life is the attitude toward death. It is looked upon as a good thing, this passing of the spirit from a vile body to something better. The Balinese are not morbid about death. If it comes everybody is happy.

Often the ceremonies to speed the departing spirit are carried to extremes. When the body is borne to the cremating tower before being placed in a wooden casket (usually carved in the shape of a cow) the "mourners" are likely to divide into two sides—one representing good, the other evil. Then a fight begins. The corpse is grabbed and tossed from one side to another; the shroud may be ripped off; the skull may become separated from the rest of the bones and roll in the dirt. Sometimes the battlers get their own skulls cracked in the melee. Good always triumphs over evil but not until there has been a good fight.

The cremation celebration is an all-day affair with music and continuous feasting and drinking of arak, a potent brew made from rice, which, unfortunately, smells corpsy.

The younger brother of the Raja of Gianyar was showing us around the palace. In one of many small, stone-enclosed court-yards we came upon a wooden pavilion enclosing a raised platform covered with straw and palm fronds. "There is my grandmother," the raja's brother said, smiling. "She died in 1942 and we are waiting for the priest to pick a propitious day for the cremation."

Nobody was curious enough to want to peek at his grandmother. She had, of course, long since wasted away and the fluids from her body had been drained off through a bamboo tube by a servant who had slept on the pavilion with her these four years.

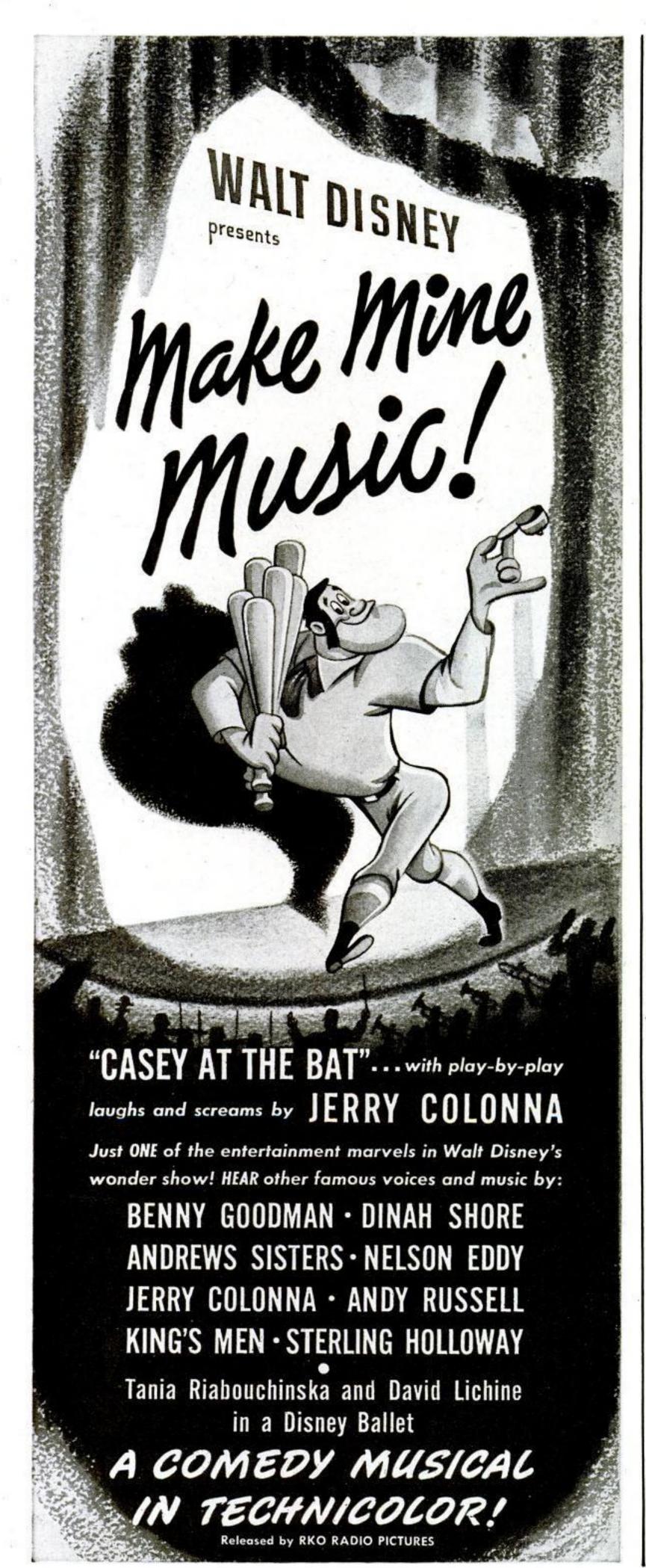
One evening we were returning from the foothills of the 10,000-foot mountain, Gonmoeng Agoeng, which means Holiest of Mountains. We stopped at a small village to whose poengawa (chief) I had a note of introduction from a Swiss artist named Theo Meier, who had lived in the mountains with his Balinese wife throughout the Japanese occupation. The poengawa was delighted to see us. We stayed and listened to the lively, unceasing music for a few minutes. There was to be a cremation the next day and this was a preliminary festival. Then we explained that we had to get along or we would be overtaken by darkness on twisting mountain roads before reaching Denpasar. The poengawa was disappointed. "But surely you cannot leave without feasting," he said in Malay. "What is cremation for if not for good food and merrymaking?"



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#### LIFE



LIFE'S COVER

One of the brightest spots in last year's dreary baseball season was the one-hit shut-out pitched by St. Louis Cardinals' Charles ("Red") Barrett against the Chicago Cubs. A dark horse traded from the Boston Braves early in the year, Barrett won 21 games for his new owners. Now in training in the Cardinals' Florida camp (see pp. 79-83), 31-year-old Barrett is working hard on his tricky pitching and change of pace to meet this year's younger and stiffer competition.

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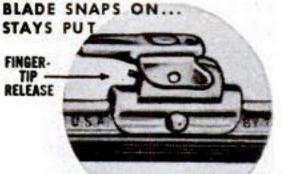
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He's doing the best he can. Sure, he knows how dangerous it is for you to drive your car... in stormy weather... with your dull old windshield wipers that smear and smear. He'd gladly put on for you quickly a pair of keen new ANCO RAIN-MASTER Wiper Blades and Arms. He has them — Newest Models! But he forgets to remind you? Too busy? You can't shoot him for that!



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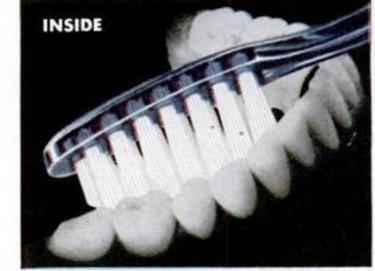


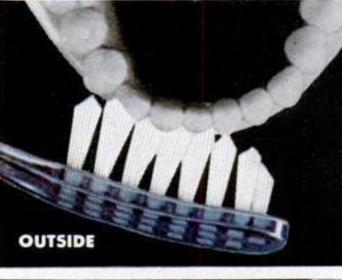
# Designed to fit. Preferred by millions Cleans every tooth better

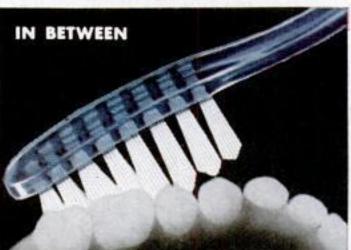
THE FAMOUS DENTAL AUTHORITY who designed the Dr. West's Miracle-Tuft Toothbrush did a great service for dental health. He curved the brush head two ways. So when you use a Dr. West's Miracle-Tuft, you can reach every surface of every tooth—clean more thoroughly than with other brushes.

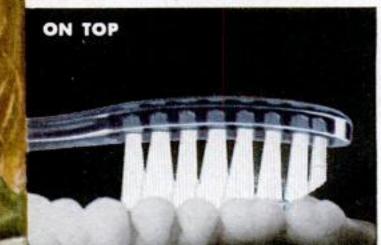
This is the Double Convex design which has made Dr. West's Miracle-Tuft America's favorite. See from the photographs how it easily cleans inside, outside, in between and on top. And with long-life "Exton" brand bristling to give high-luster polish, your smile glows with both health and beauty.

Sealed in glass for extra protection and guaranteed for a full year, Dr. West's Miracle-Tuft is your best buy from every angle. Just one thorough brushing with this superior-quality toothbrush will convince you that nothing less good will do.









**APRIL 1, 1946** 



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#### LIFE'S PICTURES

Dmitri Kessel made a month's picture pilgrimage from Dan to Beersheba to photograph the Holy Land essay on pages 52 to 63. Kessel sometimes journeyed by plane but also had to go by donkey and foot to reach inaccessible places of Bible history. Once arrived at a place, he often found it difficult to locate exact sites since the whole subject had been confused by archaeological dispute and native lore. Photographer Kessel now is in China.

The following list, page by page, shows the source from which each picture in this issue was gathered. Where a single page is indebted to several sources, credit is recorded picture by picture (left to right, top to bottom) and line by line (lines separated by dashes) unless otherwise specified.

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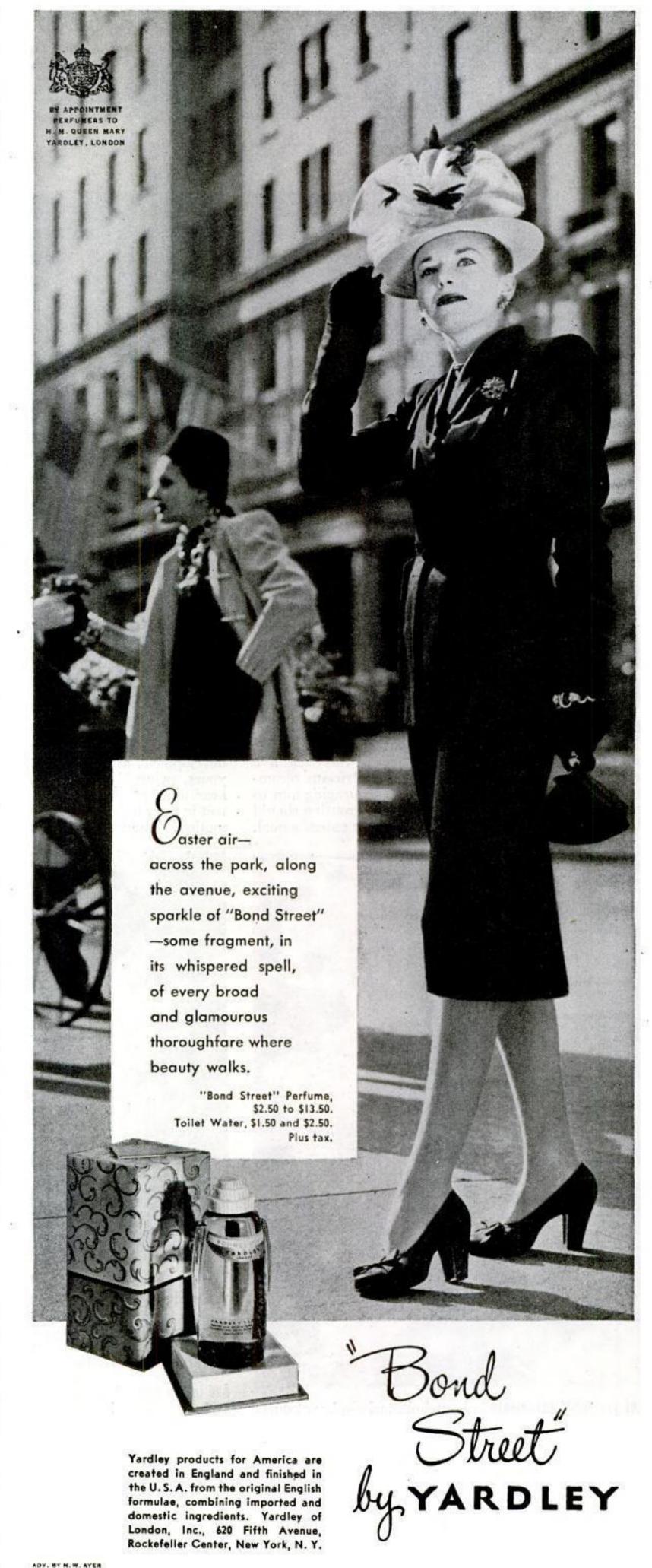
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ABBREVIATIONS: BOT., BOTTOM; EXC., EXCEPT; RT., RIGHT; A.P., ASSOCIATED PRESS; INT., INTERNATIONAL; W.W., WIDE WORLD



#### HELPFUL HINTS ON RAISING BETTER BABIES

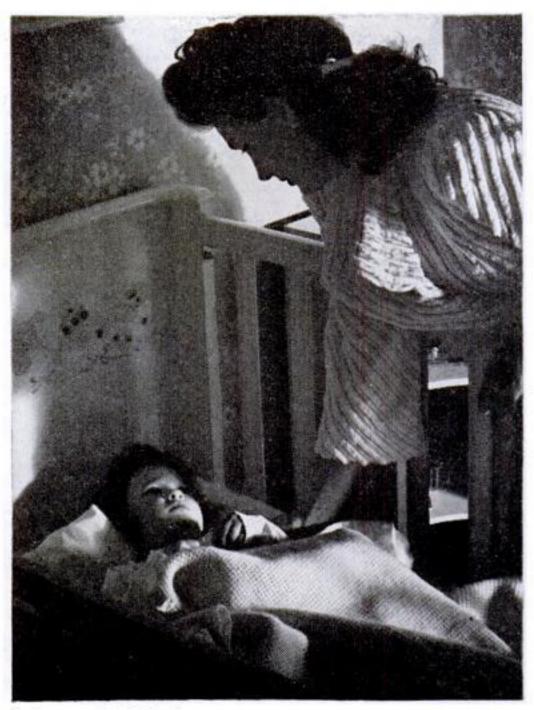
# Newest Facts And Findings On Baby Care And Feeding Are Revealed By Experts In Heinz Home Institute



Babies—like adults—have a varying capacity for sleep. Most of them willingly accept an afternoon nap for the first few years. But between the ages of three and five rebellion may set in! In this case, pediatricians recommend putting the child to bed and encouraging him to rest, even if he fails to fall asleep. This routine should be pursued at least until your youngster enters school.



Simple exercises given baby just before his bath will not only relax him but help him acquire proper muscular development and coordination. Take baby's hands in yours, swing his arms down to his sides, up over his head and back to their normal position. Then take his feet in your hands and exercise his legs in a slow bicycle motion. You'll discover he'll enjoy these exercises.



Crying out in their sleep is a tendency babies display from cradle to kindergarten. If the child is in good health and needs nothing, it's safe to assume, pediatricians say, that he's dreaming. Just pat him on the small of his back until he's quiet. One important factor contributing to the soundness of baby's slumber is his diet. Serve him nourishing Heinz Strained and Junior Foods.



Let your child participate in household tasks—play at dusting or cooking or bedmaking. It's more of a hindrance than a help, but it gives the youngster a feeling of being needed and loved. Proper feeding also contributes much to a child's happiness. So give him foods that taste good! Heinz Strained and Junior Foods are scientifically cooked to capture all their fresh flavors and colors!



That old ban on between-meal eating has been lifted by pediatricians and dietitians. Many youngsters are unable to take sufficient nourishment at one meal to last them until the next. In this case it is wise to supplement your child's regular diet with light midmorning or midafternoon snacks of crackers, fruit and milk.

And in any case, give baby three nutritious meals a day. Heinz Baby Foods—light, easily digestible Pre-Cooked Cereal Food, delicious Strained Foods and chopped, mildly seasoned Junior Foods—are all scientifically prepared to assure a high degree of vitamins and minerals. Their quality—backed by a 77-year reputation—is carefully, conscientiously controlled from garden patch to grocery shelf!



Protecting baby against home accidents is largely a question of observing these basic rules often forgotten in the flurry of the day's routine: First, never leave baby alone on an unguarded surface or in the bathtub. Second, always check temperature of bath water with a bath thermometer. Third, prevent suffocation by eliminating pillows and allowing him to sleep alone.

SUDGE YOUR BABY'S FOOD AS YOU DO YOUR OWN...'BY FLAVOR, COLOR AND TEXTURE



IN THE PACKED SALON OF JACQUES FATH, MODEL SHOWS A NOVEL BLOUSE AND PANTS OUTFIT FOR WEAR IN THE COUNTRY WHICH MAY REPLACE THE SLACK SUIT

# PARIS MAKES FASHION COMEBACK

PHOTOGRAPHS FOR LIFE BY NINA LEEN

The haute couture of Paris, in a do-or-die bid for the fashion leadership of the world, last month held its first complete fashion showings in seven years. During the fortnight in which the season reached its peak, fashion-starved Parisians, important customers and a few foreign buyers were dashing to half-a-dozen shows a day—from Lelong to Maggy Rouff to Rochas to the new wonder boys like Fath and Balmain. The showings brought back the elegance of years that seemed long past. There were champagne and delicacies and soft music. French princesses came as did the Duch-

ess of Windsor and the King of Egypt's sister.

What they saw made the experts feel that Paris had successfully regained the world fashion leadership which had passed by default during the war to the U.S. An analysis of the portfolio of photographs by LIFE's Nina Leen, first to reach the U.S., shows that the general trend is away from the "woman-cut-in-two" look toward a better-proportioned silhouette. The new clothes follow body contours. Daytime skirts are a little longer and less full. Jackets dip in back. Shoulders are more natural. In afternoon and evening dress-

es the deep-cut fronts and bared shoulders ("bathtub decolletages") reveal almost as much bosom as Restoration fashions. Reversing itself, Paris this year showed more colors and patterns than solid blacks.

The luxury and glitter of the Paris showings made a strange contrast with the arrival in Washington of Léon Blum to beg a \$2 billion loan. But, actually, the fashion export business is a big item in France's trade. Last week all Frenchmen hoped that the prodigal shows would pay off in orders from all over the world, especially the U.S.



GREEN-AND-WHITE-STRIPED COAT with big pockets by Rouff is paraded in front of Louvre. Long umbrellas with pointed tip have already become fashionable in U.S.



**STRANGE SHOULDER** in this yellow wool coat by Grès looks as if it had two sleeves —a top one folded back and a second one over the arm. Dress has typical Grès drapery.



BLOUSY WAIST of this outfit designed by Maggy Rouff was inspired by the battle jacket. It has red-and-white-striped taffeta top with blue pleated wool skirt.



**NEW CUTAWAY LINE** was evident in many suits by Lucien Lelong. His jackets, high in front, low in back, are like a man's tail coat. One above is made of gray wool.



BALLET-TYPE DRESSES for afternoon and evening were shown by several houses. This one by Balmain has taffeta skirt. Chemise peeks out at bosom and hem.



**NOVELTY RAINCOAT** designed by Balmain has gloves attached to sleeves and umbrella chained to belt. Gloves are zippered at the wrist so they can be taken off.



CHALK-STRIPED SUIT by Fath features tunic-length jacket and slim skirt. Prices for Paris originals run from \$200 for a simple dress to more than \$1,000 for fancy gowns.



STRAIGHT LINE in coats and suits, as seen in this coat by Maggy Rouff, is definite departure from bulky line of postliberation fashions (see figure walking away from camera).



PENCIL-SLIM DRESS by Jacques Fath brings back simple and elegant sheathlike silhouette. Gown is made of black velvet with double flounce of black-dotted pink satin.

#### Paris Fashions CONTINUED



CUT DEEP UNDER ARMS, Marcel Rochas gown exposes areas hitherto concealed in evening dresses. Roll above the waist is a new device to make waist seem slimmer.



CUT TO THE WAIST, this Maggy Rouff gown inspired remark, "The neckline is now the waistline." The dress is of white linen with green trimming below the waist.



ON GRAND STAIRCASE OF OPERA Genevieve, a model, poses in Pierre Balamain's long-sleeved black evening dress which has pink satin folds over the breasts.

Because French houses, restaurants, theaters are cold, many evening dresses have long sleeves or jackets. Most vivid touch of elegance is the bird-of-paradise headdress.

#### Paris Fashions CONTINUED



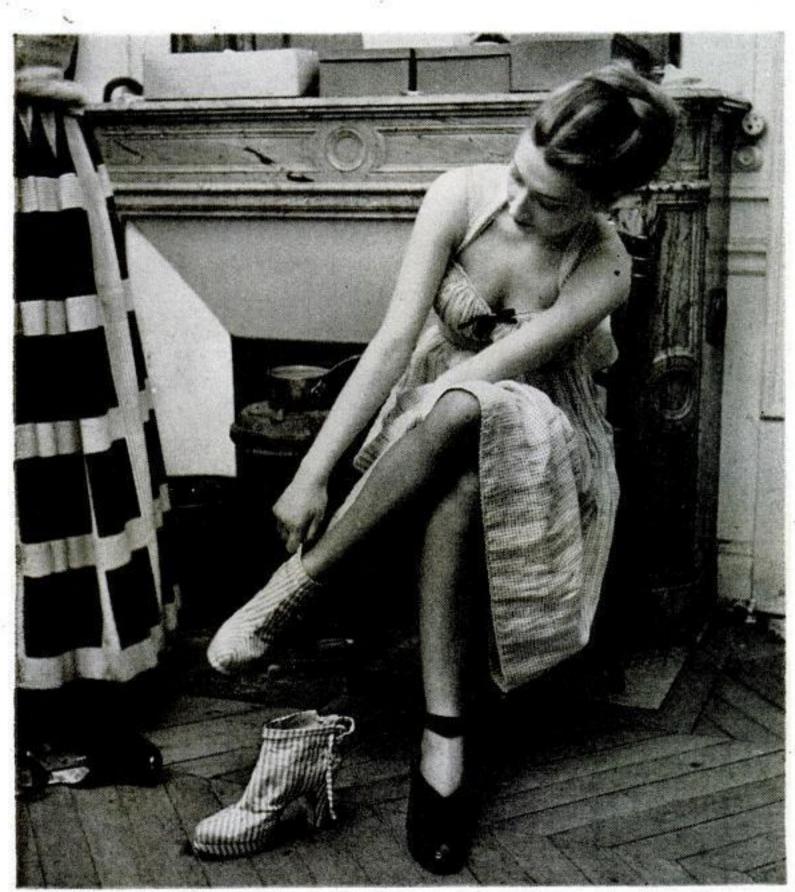
JACQUES FATH, arty young designer who emerged during the war years, drapes fabrics on himself; before making selections. Fath is darling of theatrical and movie crowd.



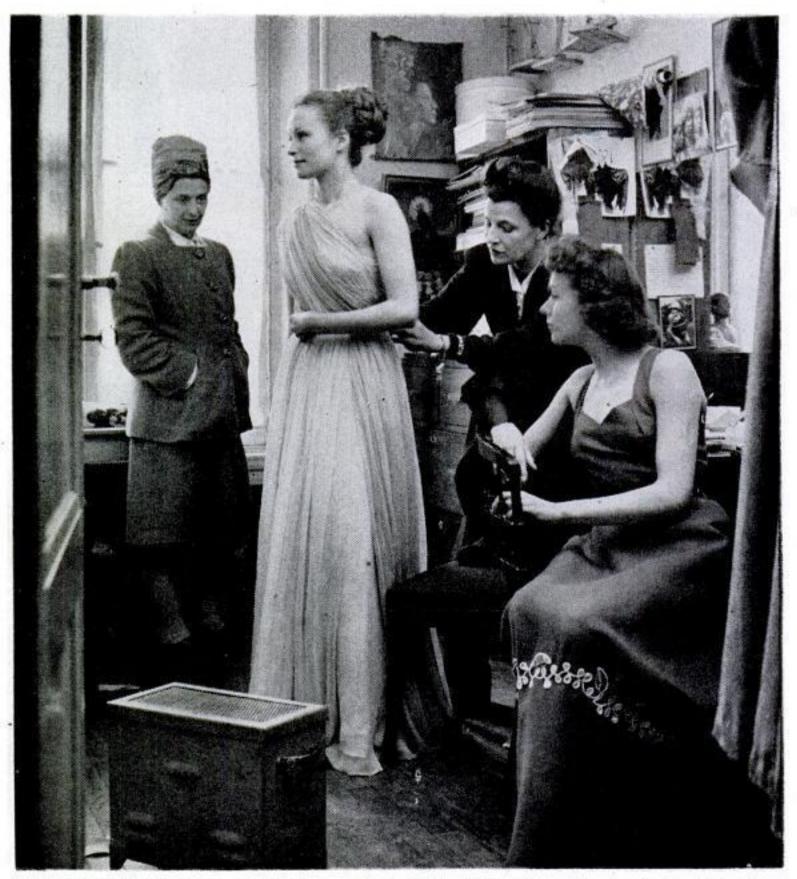
PREVIEW FOR MIDINETTES is held at Lafaurie's so these workers who toiled on collections can see the results. Cold hands worked many hours to make dress above.

# GLAMOROUS CLOTHES WERE MADE IN DINGY WORKSHOPS

Behind the scenes the glamour of the salons was missing. Important designers worked in cluttered corners. Beautiful models huddled around little stoves. Skillful midinettes bulged with sweaters. This year there were more thread, pins, needles and fabrics to work with than last year when Paris desperately put together its first small postliberation collections. But there still was not enough electric current to run all the machines or to burn the lights long. Up to the last minute no one thought that the shows would really go on or the floors get waxed (see page opposite). Somehow they did.



IN DRESSING ROOM, model at Pierre Balmain's huddles near stove as she changes warm boots for open shoes. During showings Paris had worst snowstorm in 50 years.



IN FITTING ROOM at Mad Carpentier's, Mlle. Mad, the designing half of the firm, fits new gown on one of the models while Mme. Carpentier, the business head, watches.



# THE GRAY AND BLACK MARKETS

#### OUR NEW SLOGAN SEEMS TO BE: OVER THE CEILING, UNDER THE COUNTER—AND THROUGH THE NOSE

The U.S., which went through one reign of terrible lawlessness in Prohibition days, is merrily traipsing down the primrose path again. This time it is the black market and the markets of varying shades of gray that are threatening to rocket the cost of living and to wreck half a century's hard-won progress toward fair trade practices.

LIFE's news bureaus have just made a coast-to-coast, Great Lakes-to-Gulf survey of black markets. What they report should be printed in red and labeled DANGEROUS. For it is agreed that black markets are getting out of hand. They are far worse now than at any time before or after V-J Day.

#### How It Goes

Last week in Massachusetts, OPA had 48 food prosecutions, 25 consumer durables and rent cases and 22 cases involving violations of apparel and industrial materials ceilings. The total paid to the government as penalties was \$46,602. That's one state, and everyone knows OPA can deal with only a fraction of the total violations. In Detroit, hub of a national usedcar traffic, prices are now flagrantly averaging \$300 above ceilings. In Chicago the Big Four meat packers complain they are being choked out of business by the black marketeers. One plant that can handle 1,200 head of cattle a day had only 37 one day last week. It is unofficially estimated that between 30% and 40% of all beef in the area around Chicago is going to improperly inspected slaughterhouses.

At times in Atlanta sugar has brought \$1 a pound. (OPA ceiling ranges around 8¢.) In the Rocky Mountain region there is a gray market in toilet paper. Angry San Antonio lumbermen charge that 80% to 90% of all lumber is being sold over ceilings; OPA percentages are lower but still frightening.

Historic business patterns are being tossed overboard in a return to barter. For example, a big paper concern needed starch for one of its manufacturing processes. It went to a producer who said, "We'll give you starch if you can get us corn to make it with." The paper people found some farmers who had corn and who said, "We'll give you the corn if you can find scraps to feed our pigs." So the papermakers went to a packing house where they were told, "Sure, you can have scraps if you will supply us with paper cartons." And so, without the transfer of a penny, the paper company got the scraps to feed the pigs so the corn processor could get the corn to make the starch to manufacture the paper.

Every sewing circle or bridge club has its nylon folklore. In New York the lush Fifth Avenue stores, appalled at the thought of nylon rushes, send out the precious stuff only to charge-account customers. In Boston one shop reserves its nylons for those who buy a pair of \$18 shoes.

One Middle Western concern, not in the stocking business, has reputedly bought a whole nylon factory, using the entire output as cumshaw to obtain scarce goods and services. Nylons are a new American currency. Two radio contestants, turned loose in Hollywood one Friday evening with only a pocketful of

nylons, easily hitchhiked to New York by the following Tuesday. Nylons are now the favorite "incentive goods" of the Washington lobbyists.

#### Rackets

Reports Seattle, "One electrical appliance dealer 'sold' six Philco refrigerators to as many stooges. When a housewife, eyes agog, would look at the samples and moan that it would be months before she could get delivery, the salesman would spin a yarn about 'a guy I know' who had received delivery of an identical machine but was unable to use it because of an impending divorce. The anguish of a broken home had not, however, dulled his yen for gold. He would sell, but at \$100 over ceiling."

Every town reports some sort of racket in housing. A Boston woman recently advertised for a "two-room apartment anywhere in the U. S." In New York bonuses up to \$1,000 have reputedly been paid for apartments; the national average is about \$100. This is paid in a variety of ways, though the pretense of a "birthday present" is gaining favor as a possibly legal dodge. Sale of keys for the outer door of the apartment building at prices suggesting the keys are made of gold and studded with diamonds is another shady trick, while kings' ransoms are being paid for decorating jobs.

Closely allied with the housing shortage is the national scarcity of lumber. In Denver lumber is arriving sawed into short lengths. It is less useful that way for housebuilding but brings a higher price because it can be labeled "crating stock" and so bring a premium price of \$57.50 per 1,000 feet. An Atlanta lumber dealer was recently fined \$40,000 for ceiling violations and forbidden to sell another stick for six months. Screen doors that have a \$5.85 ceiling are sold only "including installation" at from \$18 to \$21.

Beating OPA ceilings on used cars has become a national sport. In Detroit purchasers are sold a horse blanket, an extra battery or an old junk car in addition to the car they want. On the wholesale lots junk cars figure prominently in the deals though purchasers never bother to carry them away. A national wholesaler in new cars was found near Chicago. He had spotters watching for them as they appeared in the Middle West. They bought these in from owners at from \$400 to \$500 above ceilings; a \$1,100 Chevrolet, for example, would be bought for \$1,600. This car would be transferred to a dealer farther west for \$2,000 and would end up being retailed in California for \$2,400.

Veterans, impatient for something to roll around in, are paying through the nose for the privilege. One in San Francisco paid \$4,000 for a 1941 Cadillac having an \$1,800 ceiling. A Boston veteran paid \$500 over ceiling for a DeSoto taxi. Needless to say, veterans are not the exclusive offenders or victims.

The stories of butter under the counter, meat sold without weights being marked or noted and so on are myriad. Tie-in sales are especially notorious in the liquor business where the purchase of a case of rotgut may get you a bonus of a couple of bottles of straight bourbon. This sort of business reached its nadir when an Oakland schoolgirl brought a \$60 fine down on the head of her neighborhood storekeeper. He had forced a tie-in sale of a 5¢ candy bar for a penny stick of bubble gum.

These are the gray and black markets of average, 1946 America. It is not the story of mad Miami where the banditti, as no one will regret, are now said to be trying to get rid of their ill-gotten \$1,000 bills. They are supposedly taking \$700 for them in the wild fear the big bills are marked. This is the story of a doughhappy America that shelled out \$7,800,000,000 for liquor last year and more than that for gambling, but which is skittish as a colt at the idea of lending money for useful, peace-producing postwar reconstruction. It is a story of millions of housewives tired of standing in lines in thousands of stores all over the land. It is the story of a funny people. With one breath they bid up prices; with the next they damn OPA for failing to enforce ceilings.

#### Living with OPA

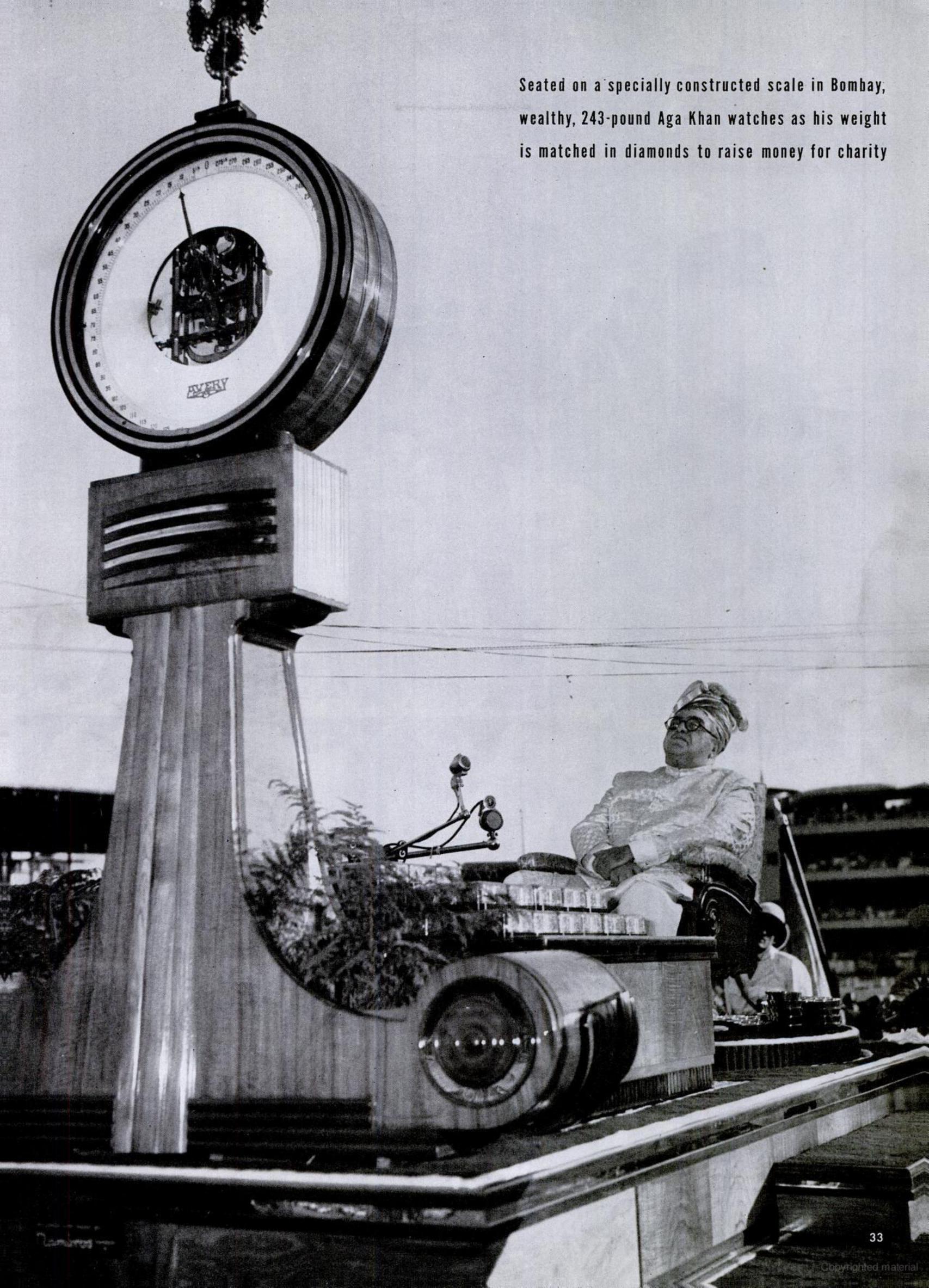
Have we a parallel today with Prohibition? Are there too many violators and too few who disapprove of violation? Already there are loud outcries before Congress, which must extend OPA for another year. Much criticism of OPA's performance to date is justified, and Paul Porter, OPA chief, met most of it in announcing some new policies the other day. He will relax ceilings where they hamper production; he will concentrate his line-holding efforts on food, rent and clothing, and he agrees that OPA must go out of business (except for rent controls) within a year.

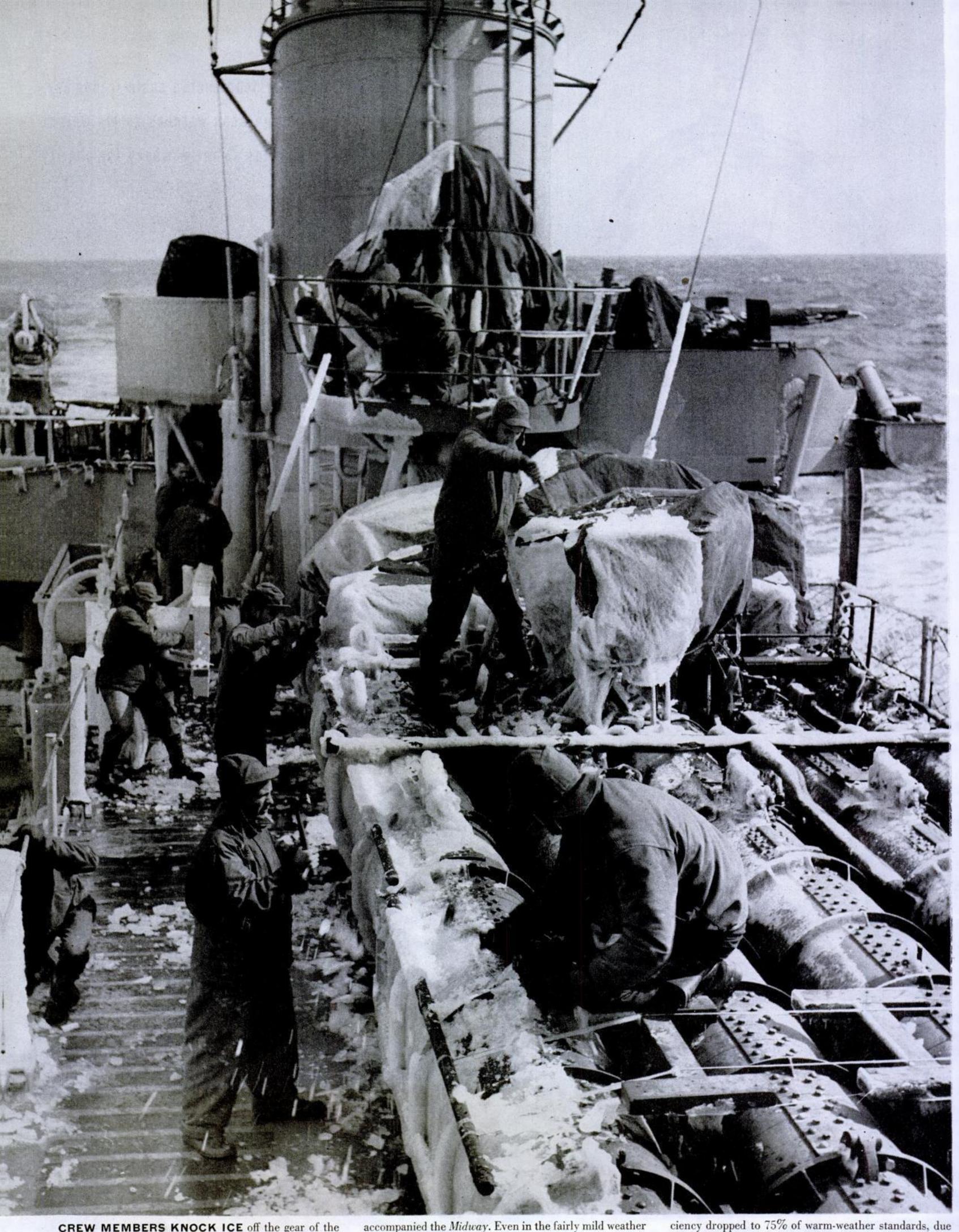
Since the government scuttled so many controls so soon after V-J Day, OPA ceilings will be increasingly hard to enforce. But we need OPA until production catches up with demand and competition governs prices again. Until then business and OPA must live with each other and try to keep inflation from getting any worse than it needs to be. OPA can draw a line, but only U.S. business and U.S. buyers can hold it. Buyers who are tempted by the black market will do well to think twice and to think especially about their money's worth. If you can postpone that purchase, you will get a better buy later on.

Bad as they are, black markets are not yet normal markets in the U.S. God help us if they ever become so. Savings will disappear, people on fixed incomes will be ruined, business ethics will be debauched. And nobody, except a few speculators, will be the richer.

#### PICTURE OF THE WEEK:

Last month the 68-year-old Aga Khan, one of the world's wealthiest and most prodigal men, celebrated his 60th anniversary as spiritual leader of 20,000,000 Moslems by sitting on a scale in Brabourne Stadium in Bombay and being weighed in diamonds. It took \$2,200,000 worth of industrial diamonds to match his 243 pounds. The money value of the stones will be presented to him by his followers for use as charity among the members of his Khoja sect, who look on him as the descendant of Mohammed's son-in-law and successor.





CREW MEMBERS KNOCK ICE off the gear of the destroyer Ware, one of the three which, with a tanker,

accompanied the Midway. Even in the fairly mild weather that was encountered by the task group, personnel effi-

ciency dropped to 75% of warm-weather standards, due partly to yet-to-be-perfected Navy cold-weather apparel.



## OPERATION FROSTBITE

USS Midway sails northern seas to test arctic carrier operations Last week the U.S. Navy was completing an enormous experiment informally dubbed Operation Frostbite. The experiment's guinea pig was the 45,-000-ton aircraft carrier Midway, its laboratory the ice-flecked waters of the Labrador Sea. Its purpose was to test the efficiency of carrier operation under arctic conditions. In a sense, Operation Frostbite was a naval companion to Operation Musk Ox, Canada's arctic land maneuvers (LIFE, March 11).

Despite loss of one pilot and three planes and

the handicap of unexpectedly good weather-the coldest the Midway experienced was only 17 above-Operation Frostbite was a successful experiment. It proved that carrier operations in the arctic are entirely feasible, though severe weather may reduce over-all efficiency by 50% to 60%. Likeliest size for an arctic striking force is a task group of one or two carriers, four to six destroyers. Such carriers must have better hangar-deck heating and ventilation, clothes-drying space, motor-starting devices.



MOTORS START SLOWLY and with difficulty in planes stored on flight deck. Hangared planes did better.



SNOWPLOW clears the flight deck of snow at 5 a.m. Planes were able to fly virtually every day during voyage.



"AIREDALES," deck crew members wearing experimental clothing, remove hood from plane on flight deck.



THE ONCE-LOFTY FRAUEN-KIRCHE, ONE OF GERMANY'S GREAT PROTESTANT CHURCHES, LIES IN RUINS IN DRESDEN. MARTIN LUTHER'S STATUE OCCUPIED PEDESTA



SILESIAN FARMER profited by the Russian land reform. Here he stands beside a stake marking 20 acres allotted him from lands surrounding Castle Zabeltitz (seen in background). The peasants buy their land, then have up to 20 years in which to pay.

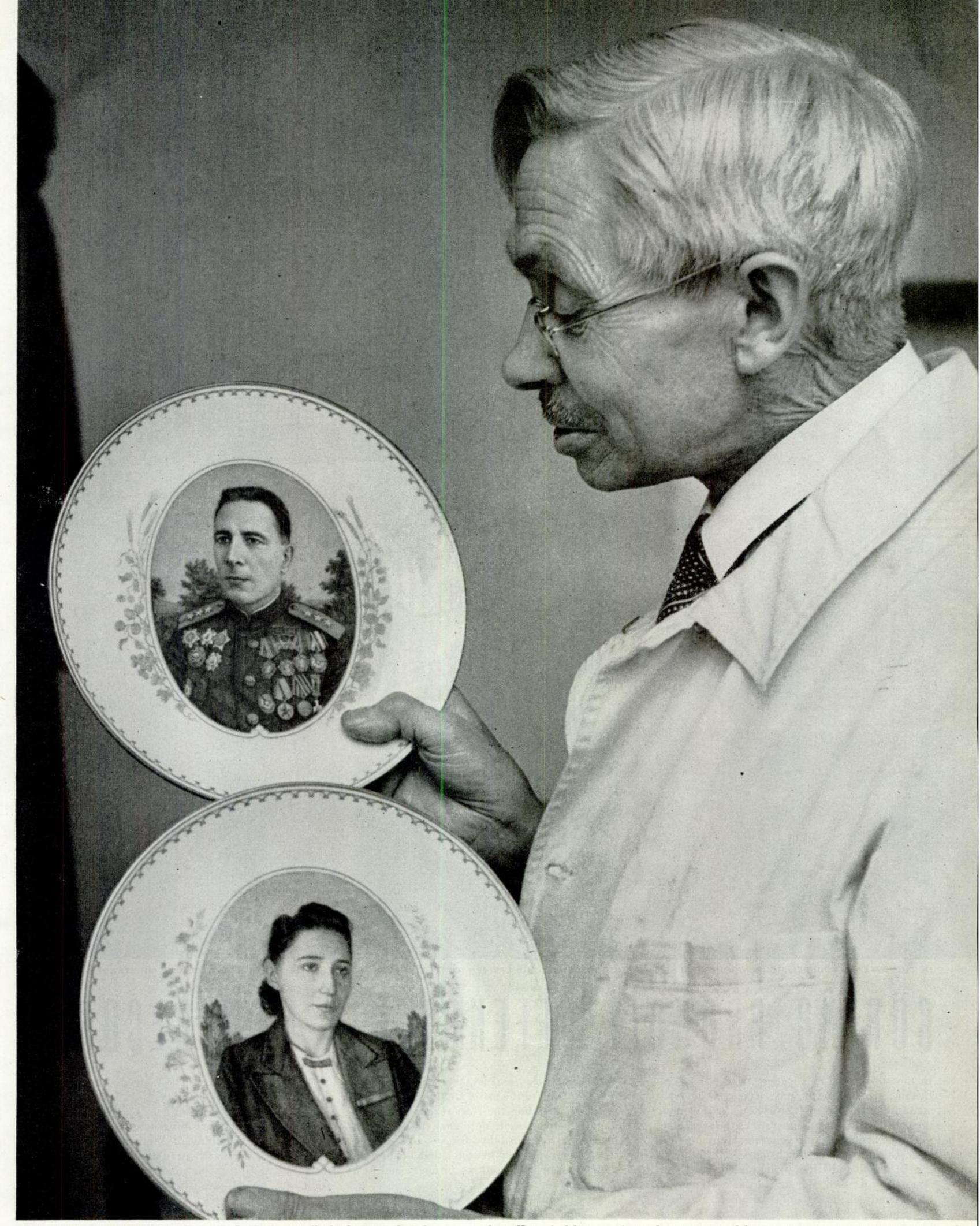
## RUSSIAN ZONE

### War and occupation have changed eastern Germany

The first good photographs out of the Russian zone of Germany arrived in the U.S. last week. They showed that, while war had destroyed many of eastern Germany's cultural remainders of the Middle Ages, peace had struck even more heavily at the feudalism that survived there. The Russians have taken 3,750,000 acres from the big estates, the basis of feudalism, and distributed them among 281,000 peasants. Thus a new economic pattern is emerging, in eastern Germany, as different from the prewar pattern as is Dresden, which, before it was ruined by U.S. and RAF bombers in February 1945, was called the Florence of Germany because of its fine churches, palaces and museums.

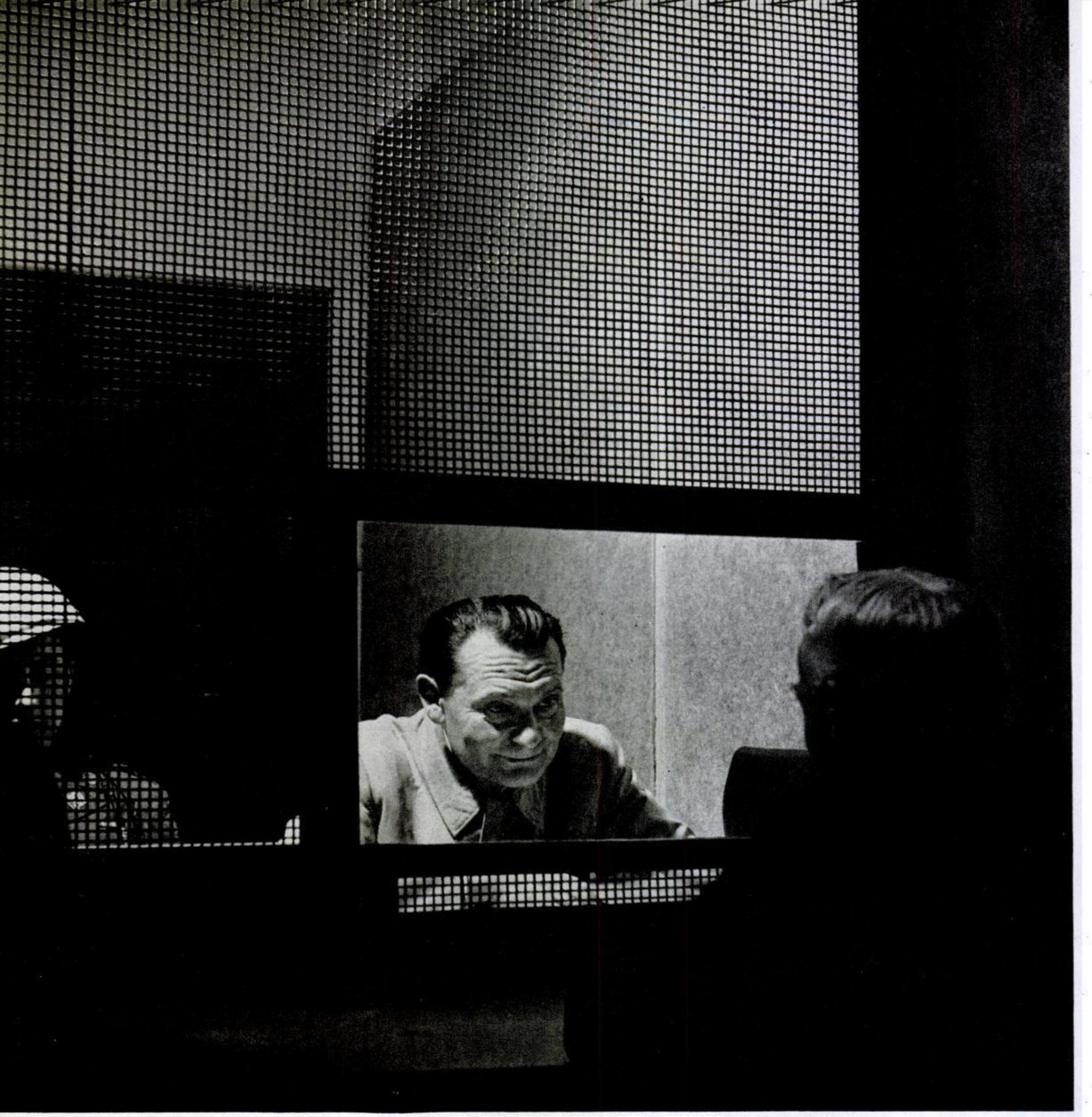


BREAKING GROUND on the newly divided farmland are people from nearby villages. The work is a combination of youth movement and compulsory labor project. This land, near Neudorf, was drill ground, had not been broken since the 18th Century.



DRESDEN CHINA ARTIST, Hermann Limbach, proudly displays two plates he created on order from the local Russian kommandant, General Katukov. Limbach, 66, has been a painter for 34 years in Meissen porcelain works, which makes Dresden's famous

china. He worked four months on these portraits of the *kommandant* and his wife, sketching and retouching to get each detail and color just right. Meissen porcelain plant is producing 30% of capacity, all of which goes to Russia. The plant is now owned by the state.



IN THE DEFENSE COUNSEL ROOM GÖRING TALKS THROUGH SCREEN TO HIS LAWYER, OTTO STAHMER OF KIEL, WHILE WHITE-HELMETED U.S. MP STANDS NEARBY

## GÖRING PROUDLY DEFENDS HIS NAZI RECORD

In the courtroom at Nürnberg, where the U.S., Britain, Russia and France have set up what amounts to the Bar of History, one figure among the pale defendants has emerged as the most commanding, articulate, unregenerate: Hermann Wilhelm Göring, former Reichsmarschall, father of the Luftwaffe and Hitler's right-hand man. Thin and poorly dressed, Göring is a far cry from the obese dandy of the days of Nazi power. But he is still a man to reckon with. Arrogant, crafty, intelligent, Göring obviously enjoyed himself as he kept the courtroom spellbound for days. After a few words with his lawyer, he took over himself,

in three days spoke some 54,000 carefully chosen words addressed to the world at large, Germany in particular, defending the Nazi regime as having German greatness as its only goal and accepting full personal responsibility for his acts. Göring was anxious, whatever his fate, that history record him as an important world figure and as a German hero.

Dismissing other top Nazis with Olympian disdain, Göring said, "No one else worked with the führer as closely as I. No one else had the influence I had. Only the führer and myself could conspire." Of building the *Luftwaffe* he said, "I was solely responsible. . . . . " Of Austrian Anschluss: "I take 100% responsibility. . . . " Of Spain: "Franco asked Germany for help. . . . I took a positive attitude to try our young airforce experimentally." Of the bombing of Warsaw, Rotterdam, Coventry: "I personally gave the orders. . . . " At every turn, Göring pictured Nazi Germany as bent only on self-preservation, peaceful growth.

Adroitly Göring tried to capitalize on current differences between Russia and other Allies by playing up Communist issues. When he declared himself innocent of atrocities, prosecuting attorneys tripped him up with documentary evidence.

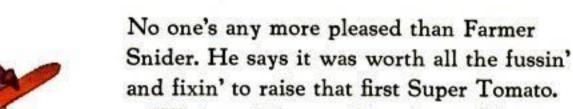
Now city folks'll recognize our home-style Catsup

> "Don't you go making a pin-up girl out of me," Grandma Snider chuckled, when they drew her picture on her famous catsup. "It's the Super Tomato that makes it so lickin' good."

Grandma put Farmer Snider up to raising her a great big extra-good tomato. "No more of that thin store-bought flavor for catsup," she told him. "The menfolk all like rich tomato-y flavor. And that's what I aim to give 'em."



One taste is worth a million pictures



"That won't be needing a heap of fancy frillings," Grandma Snider had told him as she bustled off with her apron and her famous catsup recipe. A speck of this spice, a pinch of that—the very first kettleful made appetites perk up and take notice. Before you could say "real country flavor" her catsup was famous!



there's a whole line of delicious

Snider's vegetables and fruits

In can and jar...and there's

in can and jar...and there's

in can and jar...and there's

Snider's Chili Sauce, the real

Snider's Chili Sauce, the real

Old Fashioned kind ... Snider's

Cocktail Sauce, so spicy and

with that Special

Snider Flavor!

If the Snider Folks putit up...it tastes like home

Catsup

Word got around right soon. People all over were hankering for this new country-kind of catsup. 'Course it outgrew Grandma Snider's tidy kitchen. But it never changed its country goodness. Can't make enough even now. Ask your grocer to save you a bottle. You'll recognize Grandma Snider and that wonderful Super Tomato. And you'll know Snider's Catsup by that real farm-kitchen flavor that's so flattering to food.



You can't mistake that

country-kitchen flavor

The Snider Folks

Copyright 1946 by General Foods Corp.

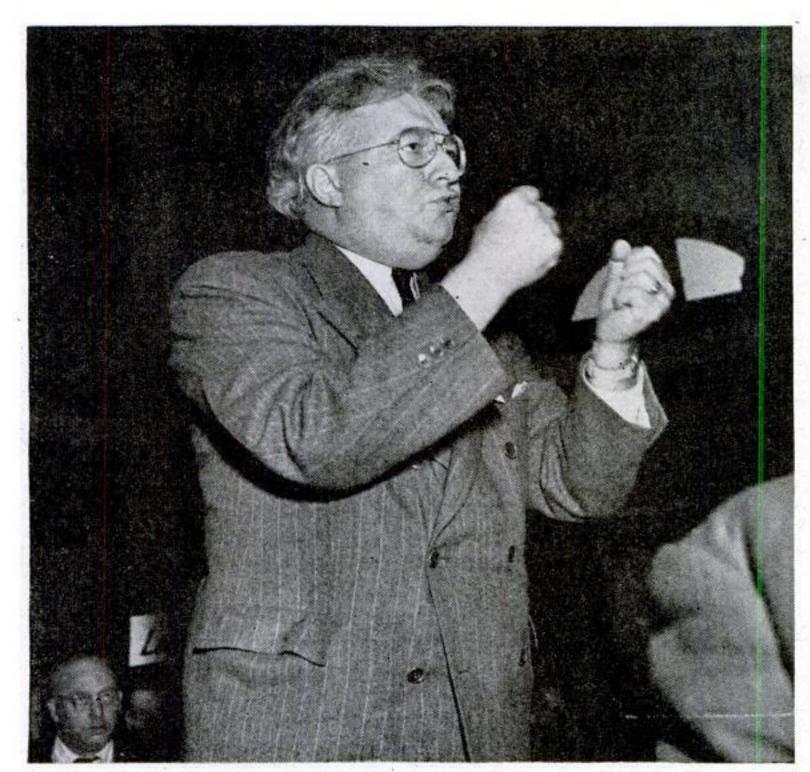


"Mind if the 5:15 is a little late tonight, Jay?"

FIRST OF ALL, Paul Jones proves to you that full, hearty flavor is still the secret of a superbly blended whiskey!

Fine Blended Whiskey. 86 Proof. 70% grain neutral spirits. Frankfort Distillers Corporation, New York City.





KEEP THE PROGRESSIVE PARTY ALIVE is the plea of Walter Graunke, of Wausau, Wis., one of its founders and a long-time campaigner for "Old Bob" La Follette.



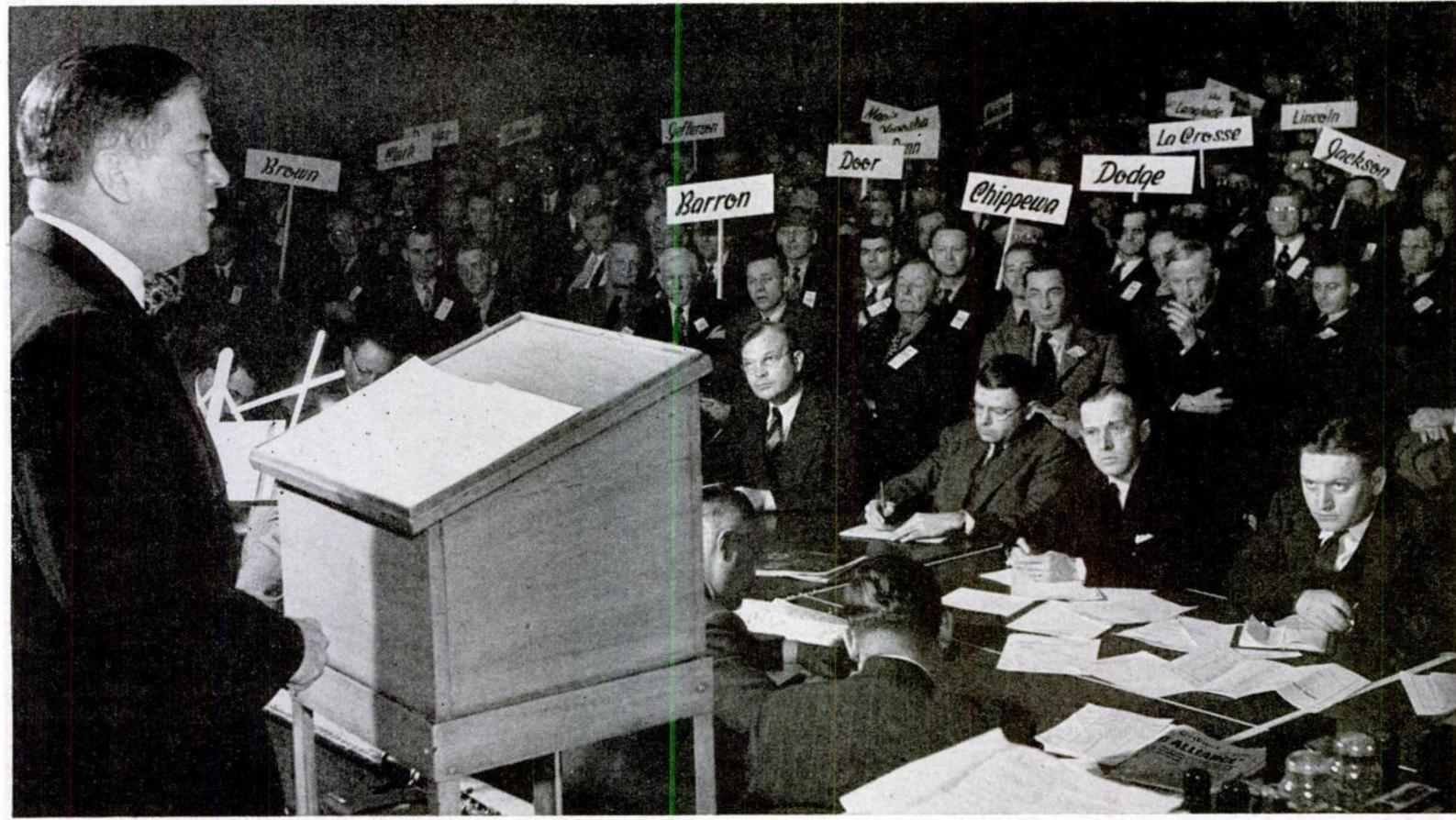
ANOTHER DIEHARD SUPPORTER for continuing the party is Max Leopold. Some speakers urged Progressives to join Democrats on an invitation by Henry Wallace.

## PROGRESSIVES' END

In Wisconsin Senator La Follette's party votes to join Republicans

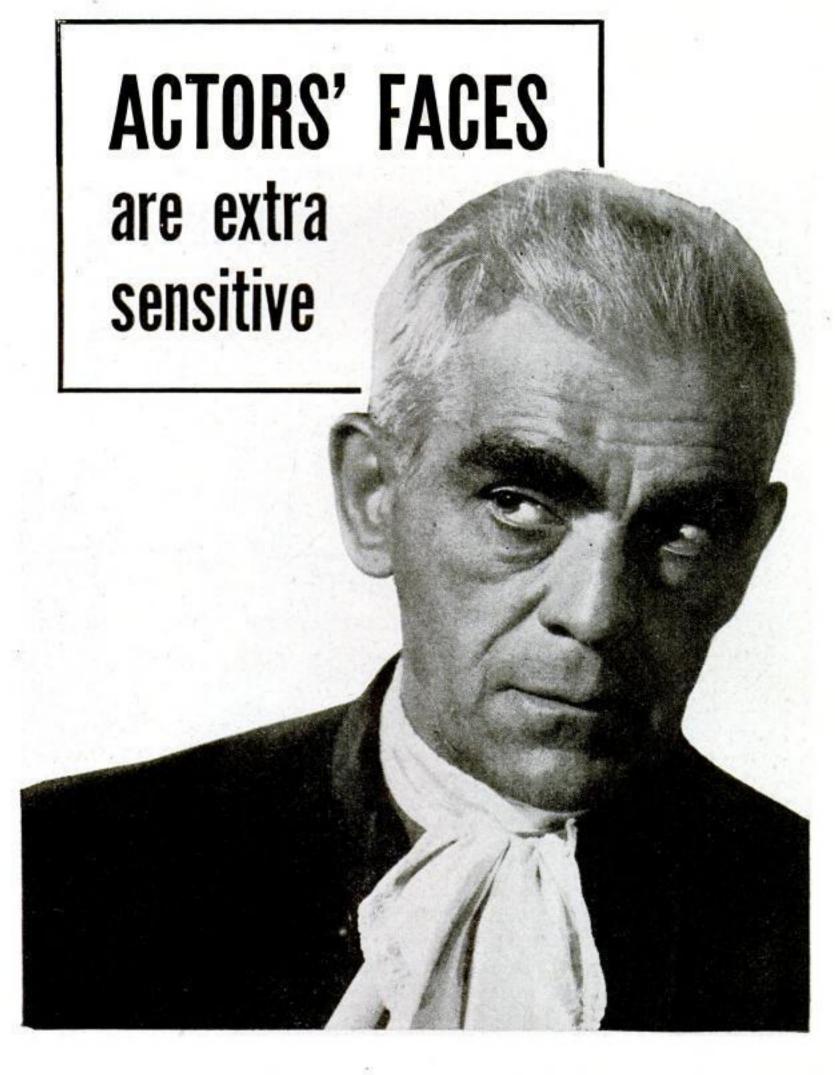
The end of a political era came last week in Wisconsin as the Progressives voted to rejoin the Republican Party. In six hours of town-meeting oratory the 405 delegates listened to speaker after speaker berate reactionaries in both national parties. Last speaker (below) was the Progressives' leader, Senator Robert La Follette Jr. son of "Old Bob," the great Progressive (see p. 44). "Young Bob" spoke frankly: third parties are not successful. "...The Democratic Party is now stalled on dead cen-

ter... [its] leadership is concerned with keeping control rather than with issues or principles." La Follette said he had "no illusions" about the Republicans, whose reactionaries he had fought "since I was old enough to carry my father's brief case." But he did see signs of a "liberal movement" in the Republican Party and thought that it offered "the best opportunity for the advancement of progressive principles." It also offered the only practical opportunity for La Follette to get himself reelected.



JOIN THE REPUBLICAN PARTY is the proposal of Senator Robert La Follette Jr. as he speaks to representatives from all Wisconsin's 71 counties. Up for reelection

this year, he will try to get the Republican nomination but will be opposed by the Republican chairman in Wisconsin, Thomas Coleman, and by many Republican "stalwarts."



### —that's why Boris Karloff shaves with soothing WILLIAMS

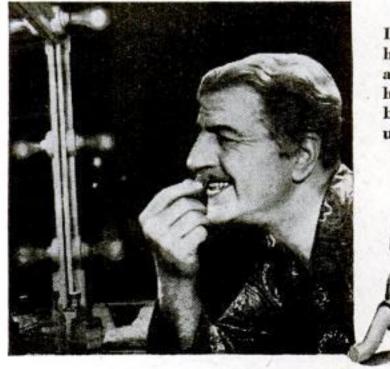
BORIS KARLOFF, famous actor now starring in RKO-Radio's "Bedlam," says: "Removing make-up makes my skin very tender, and I must shave closely. But my face feels fine when I use Williams Shaving Cream. Williams lets me shave as close as I like without irritation."

Williams Shaving Cream is made with a unique skill that results from over one hundred years of experience in the manufacture of fine shaving preparations. Expertly blended of mild, finest quality ingredients, it's gentle to the tenderest skin-never stings or irritates.

#### Close shave in comfort

Tough beards lose their fight in a hurry under Williams abundant, super-soaking lather. You can shave quickly and closely without pull or scrape—and your face is left feeling easy and refreshed.

Treat yourself to a tube of Williams Shaving Cream today. See if you don't get the smoothest, most comfortable shaves you've ever had.



LOUIS CALHERN, star of the Broadway hit, "The Magnificent Yankee," gives this advice about shaving: "Taking off make-up has made my skin tender, so I give a wide berth to irritating shaving creams. I always use Williams—it never stings or irritates."





THE PROGRESSIVE BANNER is lowered slowly from the balcony as meeting ends. Vote was 284 for joining the Republicans, 67 for staying Progressive, 51 for entering Democratic Party and 3 for joining the Socialists.



COUNTY STANDARDS are collected and then thrown away. Not present at the meeting was Phil La Follette, another son of Old Bob and three times governor. He is now out of politics and has his own law practice in Madison.

CONTINUED ON PAGE 44

## Only the Lockheed Constellation has the famous Normalair cabin!



#### NOW! WORLD'S FASTEST SCHEDULES COAST-TO-COAST AND OVERSEAS!

FLEETS of majestic Lockheed Constellations are now on the wing! Flying the world's fastest schedules Coast-to-Coast...across the Atlantic to London, Paris and beyond...over the Pacific to the Islands and the Orient...down to the sunny capitals of Latin America! Plan your trip with the nearest travel agent or call one of the airlines listed here. Lockheed Aircraft Corporation, Burbank, Calif.

Greater Speed! Constellations easily outfly any other transport in service today...or for a long time to come. Hours quicker to your destination!

Mormalair cabin, tricycle landing gear, soft chairs, separate restrooms, two cabin attendants.

Greater Safety! Constellations offer more reserve power, can fly on any two of their four mighty Wright Cyclone 2200 horsepower engines. CALL ONE OF THESE GREAT AIRLINES!

AMERICAN AIRLINES London, Berlin,

Moscow, Stockholm

PAN AMERICAN

London, Bermuda,

Latin America,

Trans-Pacific

Coast-to-Coast, Paris, Rome, Cairo, Bombay

TWA

Soon!... Constellations on AIR FRANCE, BRITISH OVERSEAS, EASTERN AIR LINES, KLM, KNILM, PANAGRA

For greater speed, greater comfort, greater safety... ask for the

CONSTELLATION

LOOK TO LOCKHEED FOR LEADERSHIP

YEARS AHEAD IN THE SCIENCE OF FLIGHT

## "| get the gladness-and lose the heart"





2 "Yes," I say to Anna (pretty girl works next to me), "all this I have, yet still I am sad with such heavy sadness that I go sleepless in the bed." Now Anna is one for hunches—so she says to me, "I've a hunch it's more than sadness keeps you awake ...



"Already have I heard of this Coffee Sanka!" I cry, "but is not a coffee, without its caffeins, as sad like a man without his sleep?" "No, no!" laughs Anna (Americans always laughing), "Sanka is wonderful coffee —rich and delicious...



Next morning—asleep I have been, all night! So I thank warmly Anna for her hunch. And now, lately, I am having hunch—from the heart. Hunch I would like to drink the cups of delicious Sanka Coffee in company of Anna every evening!



3 "I suspect it's all this coffee you're drinking," she goes on. "The caffein in coffee can do it, y'know—and losing sleep makes anyone sad. Why don't you drink Sanka Coffee? It can't keep you awake, because 97% of the caffein's been taken out!"



"And removing the caffein hasn't hurt the flavor a bit—or the aroma, either. Come try some tonight. Mama makes it for us every night." So I go, you bet. And I drink the cups full of Sanka Coffee—ah-h-h, such fine coffee, such richless



YOU CAN DRINK IT AND SLEEP!

Real coffee—all coffee—make it as
strong as you like, it's 97% caffein-free!

A product of General Foods.

DON'T MISS SANKA'S HIT RADIO SHOW! It's a scream! It's a riot! It's Fanny Brice at her rib-tickling best! Tune in "The Baby Snooks Show." Sunday evenings on CBS. 6:30 P.M. Eastern-5:30 P.M. Central-4:30 P.M. Mountain-7:30 P.M. Pacific.

#### Progressives' End CONTINUED

### "OLD BOB" INSPIRED PROGRESSIVES

Spifftual progenitor of the Progressive Party was Old Bob La Follette, great Republican isolationist and reformer. After founding a Progressive League, he broke with Theodore Roosevelt in the "Bull Moose" campaign of 1912, not believing Roosevelt to be a real reformer. In 1924 he ran as an Independent for President, receiving 4,800,000 votes. When he died in 1925 his popularity was so great it swept his son, Young Bob, into his Senate seat. When Young Bob and Phil, his other son, organized the Progressive Party in 1934, their father's code of liberal principles was their lodestar.



old Bob and his sons, Bob (right) and Phil, pose at the Capitol about 1912. He opposed Teddy Roosevelt.



RUNNING FOR PRESIDENT, Old Bob campaigns in New York as an Independent in 1924. He was supported by Samuel Gompers and the A. F. L. and by Socialists. Young Bob was one of his managers. He carried only Wisconsin.



PROGRESSIVE BLOC in the Senate in 1927 included (front row, left to right) Senators Borah, Norris, Young Bob La Follette, Frazier; (back rout) Nye, Howell, Blaine and Shipstead. They supported labor and the farmer.



PHIL AND YOUNG BOB La Follette were elected respectively governor and senator in Wisconsin in 1934, the year when they started Progressive Party Here they are shown in the receiving line at inauguration of Phil (left).

# This Year-Right Now

This is the year you will drive a new kind of automobile.

This is the year you will see—in the Nash ''600''—the new ideas of weight engineering that sped travel by air and rail to record safety and economy.

You're going to step into a grand-looking Nash—big in every way—and what happens after that is something you won't now believe.

You're going to see one gallon of gasoline take you from 25 to 30 miles, at moderate highway speeds—in a car that goes 500 to 600 miles between stops for gas!

You're going to travel without sensation of speed or sound—in a car that won't rattle or squeak, because it is one integral unit of steel welded to steel. You'll feel winter-rutted roads magically melt into smooth highways, because of individual coil springing on all four wheels.

And you can have a Nash Weather-Eye
Conditioned Air System, like that of a
modern home. Fresh air comfort that
will let you shed coats and gloves, even
if it's blowing zero outside.

Above all, you're going to discover a car so much easier to handle, so lightning swift, so sure-footed on curves, that nothing in your past experience can prepare you for it!

This isn't a promise or prediction about a car that will some day come. These are facts about the car Nash is building, and that sells today in the low-price field!

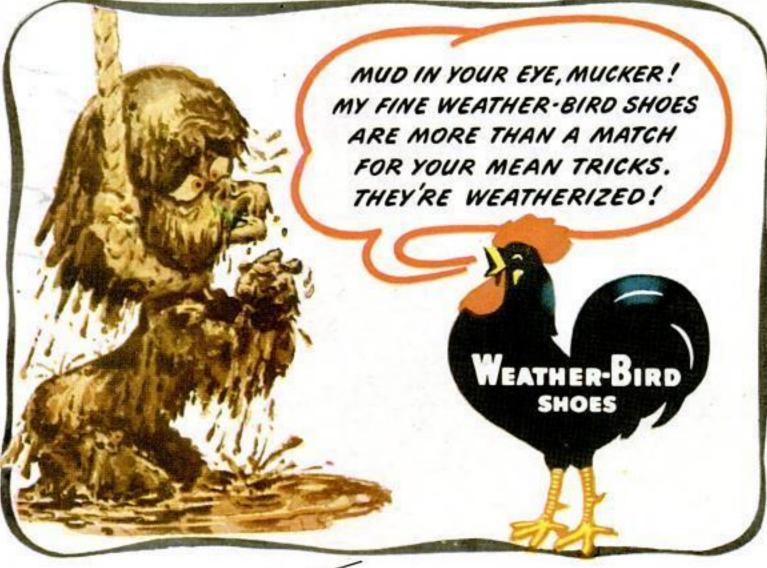
It's at your Nash dealer's now, along with a great new Nash Ambassador, too. See them—and see how far you'll be ahead with Nash.

Tune in Nash-Kelvinator's hit musical program Wednesdays 10:30 p. m., E.S.T. 9:30 p. m., C.S.T. 8:30 p. m., M.S.T. 7:30 p. m., P.S.T. Columbia Broadcasting System.

NASH MOTORS - Division of Nash-Kelvinator Corporation, Detroit, Michigan.







obtainable.





Look in Phone Directory or Write Us for Your Dealer's Name

1. Water Repellent Outsoles—high-grade leather specially treated for increased flexibility-25% more wear; or the best rubber

2. Non-Curling, One-Piece, All-Leather Insoles—give solid foundation; insulate against hot or cold, wet or dry weather.

3. Stout, Hot-Waxed Thread—firmly anchors outsoles to uppers; Goodyear lock-stitched.

4. Pliable Uppers—of carefully selected, plump, mellow leather, expertly tanned and finished, insure added protection and comfort.

5. Linings, Eyelets, Laces—of highest quality assure top performance and comfort.

Good-Looking Protection Against the Weather! Weather-Bird
SHOES FOR BOYS AND GIRLS ARE
"Weatherized" PETERS DIAMOND BRAND

PETERS, DIVISION OF INTERNATIONAL SHOE COMPANY, ST. LOUIS 3, MO.

## Douglas Leigh

The man whose gadgets brightened up Broadway now turns to Main Street

### by ROBERT SELLMER

EVERYBODY TALKS about the man in the street but nobody does anything about him. Nobody, that is, except Douglas Leigh (pronounced Lee), who dazzles him with neon lights, showers him with soap bubbles, fascinates him with animated cartoons, belabors him with candle power, blows smoke rings over his head, screams the time and the weather at him, whizzes posters past his nose on the sides of express trucks and generally attempts as spectacularly as possible to beguile him into buying beer, cola, cough medicine, cigarets and similar objects, useful and ornamental.

Douglas Leigh, as president of Douglas Leigh, Inc., is responsible for the majority of the "spectaculars" that are once again drowning Broadway and Times Square in light, color and motion. A "spectacular," as defined by Leigh himself, is "an oversized advertising display with neon or lamps in unusual animations." By oversized he means a sign covering more than 1,000 square feet of space. It may cost as much as \$100,000 to build and rent: for as much as \$10,-

000 per month.

By the time he was 30 Leigh was well established as the Boy Sign King. Then one day in 1942 his business was plunged into almost total disaster by the wartime blackout of Broadway. While all his signs stood dark and the sign business assumed he was ruined, Leigh went to work on a new spectacular without lights. It turned out to be his most successful venture—the Camel sign, from which a painted soldier's mouth blows real smoke rings across Times Square. The Camel sign made such a hit that it was duplicated in Detroit, Los Angeles and nine other cities. Meanwhile Leigh became a lieutenant in the special devices division of the Navy, working on training gadgets.

Now that all Leigh's signs are back in operation, he is looking for new crowds to dazzle. Broadway's skyline is congested, due largely to his efforts, but there is much of New York left to work on, as well as all the rest of America. He has seldom previously ventured outside of New York, but he now feels that with the astounding ideas he has in store, plus his unique grip on the specialized spectacular field, he is ready to drench the entire country with light, smoke

and planned confusion.

Some of Leigh's ideas, like the giant cigaret he would like to put atop the Empire State Building and the Prudential Insurance Co. of America ad ("Prudential has the strength of Gibraltar") which he wants to paint on the sides of Gibraltar itself, remain in his files and may never see fulfillment, but



floating across New York's Times Square to adver-

(above) of the actual sign, which will be 35 feet high.



It's easy to solve your cocktail problem simply buy Heublein's Club Cocktails by the case!

These wonderful cocktails are made from the world's best liquors—correctly mixed and intermellowed for maximum flavor by long union in the bottle. They're at your favorite liquor store, completely ready to add ice and serve.

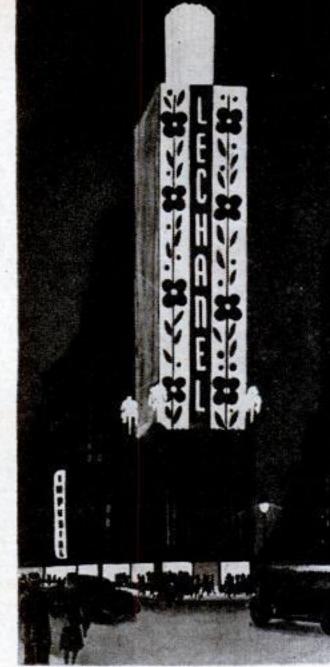
It's just a case of knowing how!

G. F. Heublein & Bro., Inc., Hartford 1, Conn.



The Five
Popular Varieties
Manhattan, 65 proof
Dry Martini, 71 proof
Old Fashioned, 80 proof
Side Car, 60 proof
Daiquiri, 70 proof





FUTURE PLANS include a helium-filled plastic orange dripping simulated juice and huge perfume bottle which will waft exotic scent into street below.

#### LEIGH CONTINUED

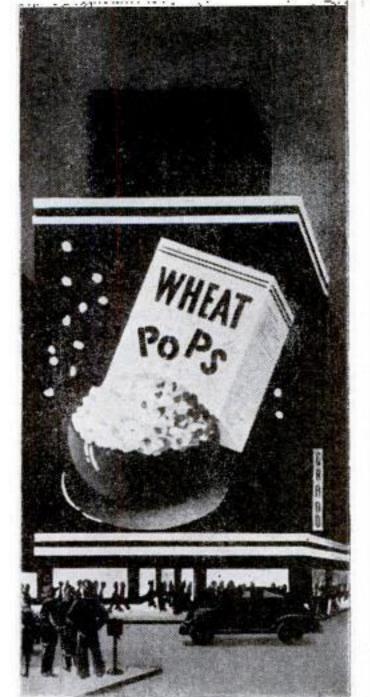
others equally fantastic are worked out and ready to go as soon as materials become available. One of them occurred to Leigh when he saw those little soap-bubble toys in a 10¢ store; he went back to his office and put his engineers to work on a large and complex device which will blow 3,000 10- and 15-inch bubbles a minute. Within the next few weeks they will be showering out of a 35-foot-tall box of Super Suds onto the bemused heads of Times Square visitors and eventually of Main Street strollers.

Playing with bubbles stirred Leigh's mind again, with the result that in a few months another Broadway building will sport giant glasses of ginger ale bubbling away as merrily as though their contents had just come out of the bottle. Ginger ale, for some reason, set him thinking about orange juice, and his imperturbable engineering staff is now ironing the last bugs out of a helium-filled balloon-shaped orange which will drip juice—accurately, they hope—into a gigantic glass. Leigh has found that, in addition to liking huge and relentlessly realistic copies of food, soap and the like, people have an insatiable yearning for constantly knowing the time and the temperature, and he intends to oblige them by erecting a thermometer seven stories high for an ale company and a clock for The Gruen Watch Company which will do everything but cast horoscopes.

The New York World's Fair inspired him to design a monumental spectacular equipped with lights, color, fountains, shrubbery and statues. It is still only a dream, since Leigh so far has not been able to locate a building strong enough to hold it, but he is still searching.

#### Animated cartoon sign is his favorite

All these ventures are planned for New York, but when they prove successful and can be produced in quantities that will lower their price Leigh will take them to Main Street. His present plans call for spectaculars in 43 major cities. All his New York spectaculars will be available, but he expects that the backbone of his nationwide scheme will be his favorite sign, the Leigh-Epok animated cartoon. This device, which has already had out-of-town tryouts in Boston and Atlantic City, was developed eight years ago by a German concern, bought by Leigh in a fairly primitive state from an Austrian inventor named Kurt Rosenberg and perfected by Fred Kerwer, Leigh's chief engineer. It is worked by projecting a film of any desired length onto a bank of 4,104 photoelectric cells, which in turn activate a bank of 4,104 light bulbs that form the "screen" on the sign itself. The animated cartoons which provide the action appear in silhouette form—a set of darkened light bulbs usually forming the image of the characters against the background of lighted bulbs. These images change from second to second as the action progresses, with the bulbs involved turning





OTHER NEW "SPECTACULARS" planned are the imitation breakfast food which pops into air and cola which is sucked up through 100-foot straws.

off and on as required. Unlike all other signs, which have to repeat themselves mechanically every few seconds, the Leigh-Epok can go on with endless variety for as long as the advertiser desires.

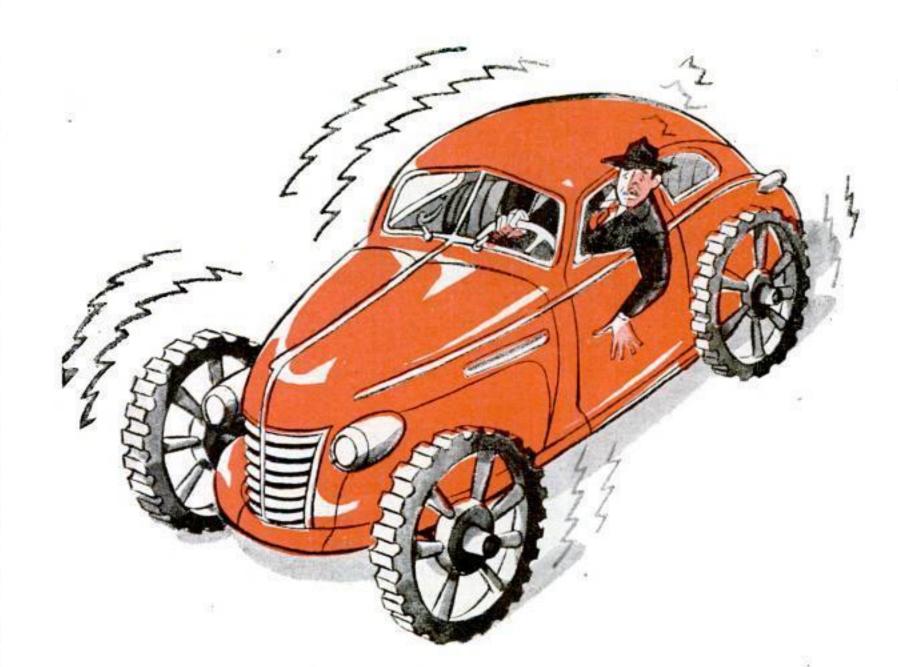
So far the cartoons have consistently featured comic chases by various animals, but the wide public appeal of the whodunit has caught Leigh's roving eye and he is working out a plan for showing detective stories to rapt passers-by. Color will eventually be added as well, but even in its present form Leigh-Epok has attracted scores of offers from cities in this country and dozens from abroad.

Leigh is president of three separate corporations—one governing spectaculars, one a consultant service for anyone who wants special effects for shows, signs or pageants and a third corporation for truck poster advertising. The poster side of the Leigh kingdom cannot expand very much because there are only about 15,000 Railway Express trucks in the country, with one panel on each side, and Leigh controls all of them. However, Leigh is working hard to make these signs more arresting to the eye. Restricted by laws which frown on having odd objects projecting from the sides of trucks, he has done what he could with rococo frames and luminous inks which shine in the dark.

The tremendous personal kick which Leigh gets out of his operations plays a large part in their success and has provided much of the drive which put over some of his fantastic notions in the face of preliminary failure. He enjoys blowing smoke rings over Broadway more than anyone could possibly enjoy watching them. This kind of pleasure, however, is by no means the only satisfaction Leigh can take in his work. "When I plan a spectacular," he says softly, "I just take cold-blooded advantage of people's love for toys." It is estimated that he has put up about a million dollars' worth of signs that bring in more than half a million a year in rentals, while his posters and consultant services raise his yearly gross income into the millions. Since he is the sole stockholder in all three of his corporations and has only 27 people on his pay roll, his net profit is suitably spectacular. Furthermore, he can expand his operations countrywide with very little increase in overhead, for most of the actual construction is done by subcontractors.

#### Early life of a born salesman

Leigh showed signs of this Midas touch at quite an early age. The son of a well-to-do banker in Anniston, Ala., he started out in the conventional success-story manner by selling Saturday Evening Posts. At that time he developed a shy, low-pressure type of salesmanship that he has exploited ever since. Corporation presidents still feel the impulse to pat him on the head and send him along with a nickel—except that now it is a contract for many thousands of dollars. This successful approach was first demonstrated in a sizable way when he was a freshman at the University of Florida. He went to the advertising manager of the yearbook, who



## If your car feels like this...it's time for MARFAK Chassis Lubrication



## THAT CUSHIONY FEELING LASTS LONGER WITH MARFAK!

Nothing keeps the spring of youth in your car like Marfak Chassis Lubrication. With Marfak there's no sudden give-out after a hundred miles or so. Its shock-resisting toughness gives you at least a thousand miles of smooth riding ease. That "cushiony" feeling lasts from one lube job to the next. And Marfak is applied by chart, never by chance! Ask your Texaco Dealer to give your car "that Marfak feeling" now!

THE TEXAS COMPANY

You're welcome at

### TEXACO DEALERS











FIRE-CHIEF GASOLINE

SKY CHIEF GASOLINE

HAVOLINE AND TEXACO MOTOR OILS

MARFAK

Tune in the TEXACO STAR THEATRE starring JAMES MELTON Sunday nights — Consult newspapers for time and station



"TX7HEN," America's anglers VV have been asking, "will it be possible to get new rods such as we've been dreaming about?" For these fishermen BRISTOL now has exciting news. A wide choice of BRISTOL'S new, advanced-type rods are ready and being rushed to sporting goods stores across the land. Beautiful new hexagonal and round telescopic rods! One piece seamless tubular and one piece solid steel rods! Rods for fly casting, bait casting, trolling! Light, strong finely-balanced rods! Rods with many new, thrilling BRISTOLdeveloped improvements. Rods to delight any fisherman. To get exactly the fine "new-day" rod you've been longing for, we suggest you visit your nearest BRISTOL Dealer at your earliest opportunity.



#### EYPLOSIAE WEYAPONAT IEFESPOLIF KODS MODERN IN DESIGN — NEW IN FINISH

BRISTOL invented and has long been a leader in the manufacture of that favorite all-purpose rod—the telescopic. BRISTOL'S new popular priced hexagonal telescopic rods are equipped with colored cast aluminum reversible handles with locking reel band and cork grip. A locking device (A) at each joint lets you lock sections securely for whatever rod length you wish.



#### LEIGH CONTINUED

had sold about \$1,500 worth of ads the previous year, and bought the advertising rights for \$2,000. Then he promptly turned around and sold more than \$7,000 worth of space, earning his first \$5,000. When he quit after his sophomore year and went to work in Atlanta selling signs for the General Outdoor Advertising Co. Inc., his success continued. He sold the first client he went to see and kept right on, selling space and clients that the older salesmen had never considered. In 1930 Leigh came to New York to increase his fortune and broaden his field of operations.

By 1933 his employers, again the General Outdoor Advertising Co. Inc., had asked him to take his sixth pay cut, down to \$30 a week. This blow to his pride, added to the galling fact that his boss had him selling painted bank signs in Brooklyn instead of glorious spectaculars on Broadway, made him walk out for good. After a

little fumbling he founded Douglas Leigh, Inc.

The outdoor-advertising industry, of which Leigh is today one of the biggest members, is a sprawling, loosely organized affair made up of about a thousand bill-posting headquarters, big and little. It has a capital investment of about \$125,000,000 and a yearly billing of from 50 to 60 millions. Its backbone is still the 24-sheet poster that the women's clubs are always trying to get off the highways. Until Leigh's arrival the spectacular field was an erratic sideline indulged in by a few of the larger companies, who worked on the simple thesis that if you made a sign large enough and put enough bulbs on it, you had a good spectacular.

Leigh, who appeared on the scene equipped with a \$1.50 Brownie camera for photographing sign locations, a friend who would do sketches on credit and a shy but persuasive manner of selling, brought a new technique into the business. He first dressed up a startling idea, such as a gigantic cup of coffee emitting real steam, then looked for a suitable space and finally figured out what product would be most benefited by this particular appeal and location (A&P coffee). Then, looking and acting like a rather retiring student at some southern Presbyterian college trying to sell ads for the school paper, he would go to see the manufacturer of the product. The hard-bitten industrialist, often one who had previously scorned the use of outdoor advertising, would start out by being paternal and usually wind up with his name on a contract.

#### He is always looking for roof tops

Leigh also showed a phenomenal instinct for locating spaces for signs. He would snap up roof tops whose sign leases were expiring and spend several days a week strolling around midtown New York, gazing aloft, looking for suitable sites. Only a few months ago people in the trade who thought that every desirable space was thoroughly plastered were amazed when Leigh started building a new sign atop the Wurlitzer Building on 42nd Street. The site commands the eye of everyone on 42nd Street east of Sixth Avenue and probably of barge captains on the East River as well. The Schaefer Brewing Company signed up for it at once. With this combination of imagination, nerve and energy, Leigh was soon able to count his triumphs by the dozens-Kools, Schenley's, Wilson's whisky, Four Roses, Gillette, Camels, Coca-Cola, Schae-



fer's, Old Golds, Ballantine's, REM, Bromo-Seltzer and many others. His tender years naturally brought him the title of the Boy Sign King, and he still looks like one today.

He remembers with pain an incident that happened about ten years ago when he went to sell a sign to Wm. Esty & Co. Inc., the advertising agency. He sent in his Douglas-Leigh-of-Douglas Leigh-Inc. card, was courteously received by Esty's outdoor advertising man and delivered his sales talk. "Well," the man said, "that's fine, and I'm definitely very interested, but I'd like to talk to your father first, young man, before I make any commitments."

Leigh was married in 1943 to Ann Rush of St. Joseph, Mo., an ex-Powers model. She is the source of several of his ideas and has her own file, bulging with hastily scribbled notes, in Leigh's collection of signs-to-be. They have one child, a girl not quite a year old, whom they named Lucinda because they thought it sounded pretty; they were delighted when an erudite friend pointed out a few months ago that the name is derived from the Latin word for light. The Leighs live in an enormous apartment on Beekman Place, one of New York's most expensive neighborhoods, where advertising signs of any sort are forbidden.

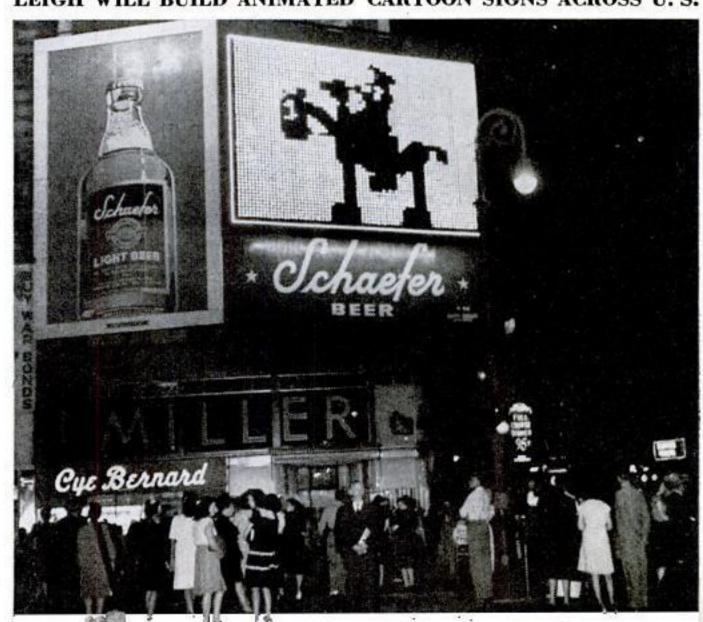
#### His mechanical-minded first vice president

One angle which Leigh never worries about is the mechanical side of the business. His chief engineer, Fred Kerwer, known as the vice president to distinguish him from the other two, has never failed him in the 13 years they have worked together. He met Leigh when the firm Kerwer was in at the time was employed by Leigh to build the steaming A&P coffee sign. Attracted, he says, by Leigh's vision and imagination, two elements he found sadly lacking in his company, Kerwer joined him without further ado and he has been translating this vision and imagination into sheet metal, glass tubing and light bulbs ever since. An excellent engineer and an artist of considerable skill, Kerwer has yet to be stumped by any of the wild ideas which Leigh, who has no mechanical or technical background, drops in his lap.

Kerwer is glad, though, that Leigh has never listened too closely to the stream of crackpot inventors who, attracted by the oddity of some of Leigh's schemes, are usually milling around the office. He periodically shoos away a persistent vaudeville agent who has a disappearing-Chinaman act that he wants to incorporate in a sign, broken-down circus owners who try to wish elephants off on him, sculptors who are eager to duplicate the Great Stone Face on any U.S. mountain, blowing smoke rings if necessary, and one slighted genius who is still trying to sell Leigh a giant window shade which can be pulled down the side of a 20-story building after the office workers have gone home for the night. The shade was to be suitably emblazoned with advertising copy and pictures.

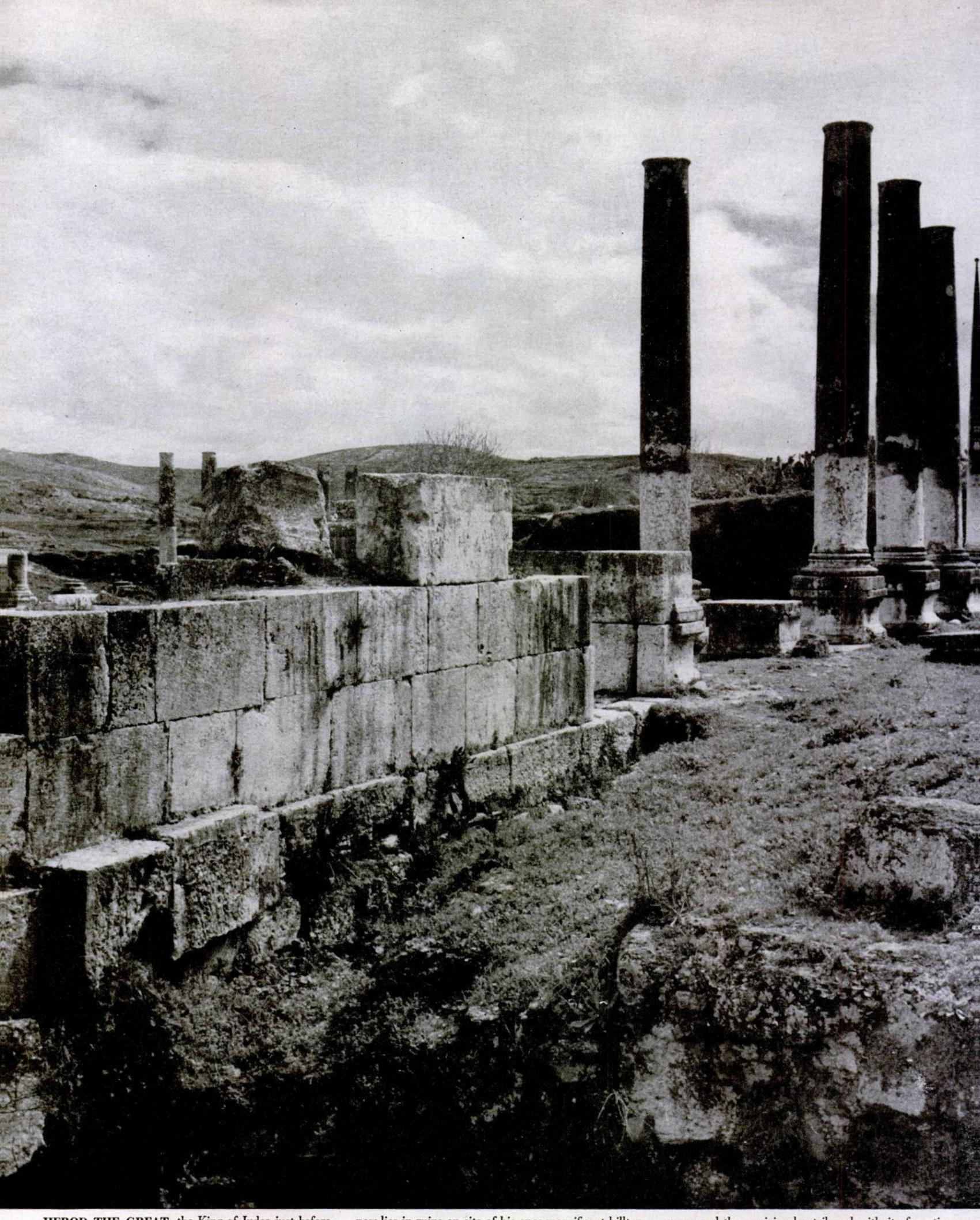
Kerwer's analysis of the reasons for Leigh's success is as succinct and penetrating as any that have been made. "Doug," he says, "is a small-town boy and is still so overawed by anything spectacular that he knows exactly what will attract people. Most of the rest of us have been around Times Square so long we don't even see the signs any more."

#### LEIGH WILL BUILD ANIMATED CARTOON SIGNS ACROSS U. S.









HEROD THE GREAT, the King of Judea just before Christ's birth, built this basilica, or civic center, which

now lies in ruins on site of his once-magnificent hilltop city of Samaria, 35 miles from Jerusalem. The topless col-

umns and the semicircular tribunal with its four tiers of seats for ranks of dignitaries follow Roman architec-

## The Holy. Land

## It Achves the Bible's Story

PHOTOGRAPHS FOR LIFE BY DMITRI KESSEL

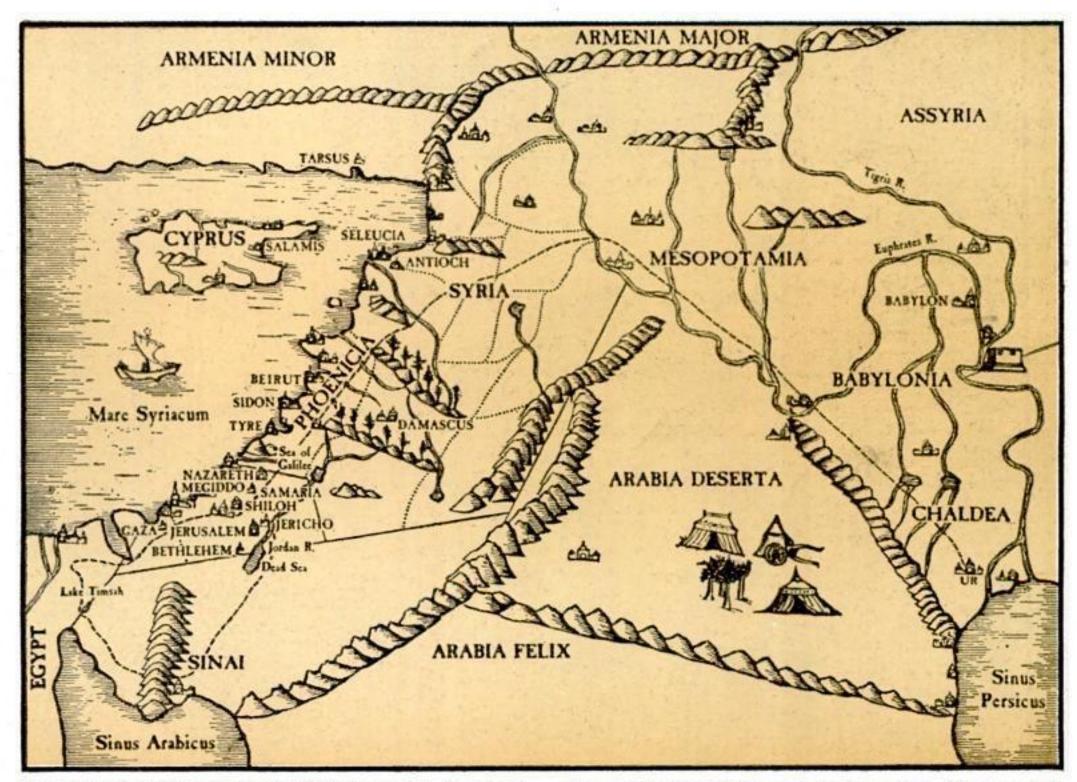
The pages of the Bible come to vivid life when a modern traveler enters the ancient land of Palestine. The color of biblical places that has seemed to fade with the ages leaps up to meet him at every turn of the road. He discovers with great surprise that the timeless names like Hebron, where David ruled as a king, and Bethlehem, where Jesus was born in the manger, and Jericho, whose walls fell, are all places where people lived in their houses of stone or baked brick, tended their flocks, worked with their crude tools at tasks passed down from father to son, ate their leavened and unleavened bread and died, hoping to be buried in tombs in the valley below Zion.

The land has changed little from the times when the world's great religious precepts were first forged there by the Hebrew prophets and Christ and his Twelve Apostles. From Phoenicia (now Lebanon) to Egypt (see map below) and from the Mediterranean to the Dead Sea and the Jordan, the land has an area of 10,000 square miles, about the size of Maryland. Topographical contours divide it into three parts: the maritime plain, which parallels the sea and consists of ancient Philistia and the plain of Sharon and is one of the most productive food belts of the Middle East; the mountainous spinal middle, with such historical centers as Bethlehem, Hebron and Jerusalem, and the Jordan-Dead Sea rift, called The Ghor by the Arabs. Much of Palestine is fertile still but in many areas the desert has moved in on the once rich and abundant land.

Originally the ancient Hebrews were a nomadic people. They lived in "houses of hair," tents made of goat's hair, with inner half-walls of woven reed or wattle. The Apostle Paul is the most famous tentmaker in the Bible. His native city of Tarsus in Cilicia was noted for its cilicium (goat's-hair cloth) which he learned to weave expertly as a boy. Some of the cities of the Holy Land still exist today; others have been uncovered by archaeologists working with a Bible in one hand and a spade in the other. The cities usually covered an area from six to ten acres, being compactly built for defense. Each city had several subordinate towns on its fringes and also suburbs, which were actually grazing lands adjacent to the city. In the lowlands people still live today as they did in the Old Testament, in houses of mud brick, baked by fire or sun into enduring hardness. In the highlands there are stone houses.

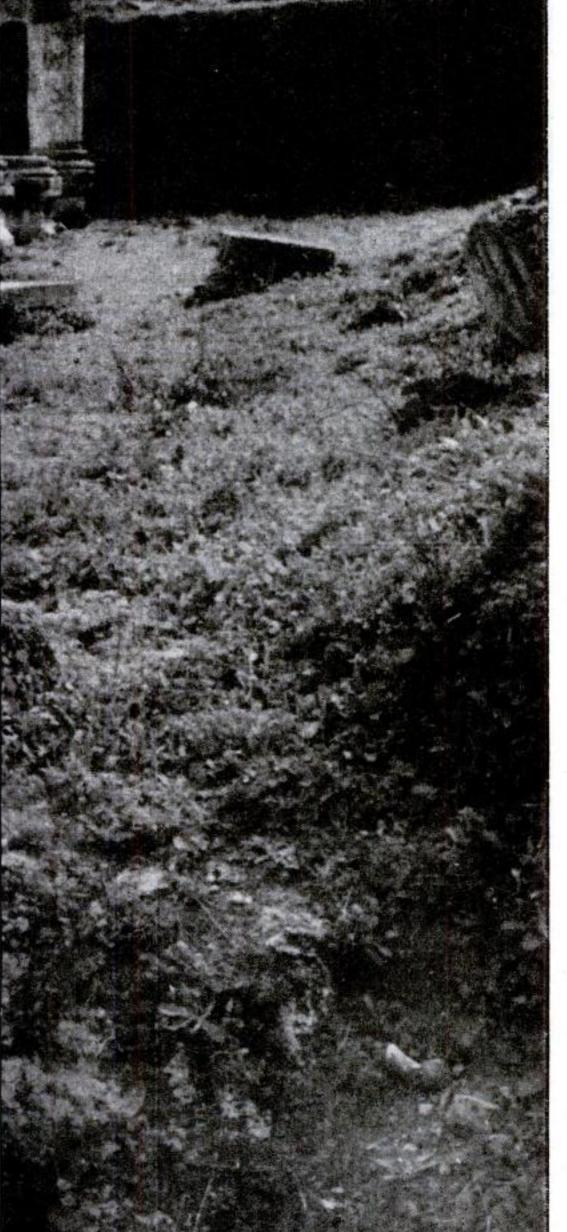
The history of biblical Palestine is soaked in tradition, intermingling legend and fact. It spans about 2,000 years from the time when Abraham led his tribe from Ur of the Chaldees near the Persian Gulf until the time of Christ when Palestine had become a minor Roman province. It is replete with conquests—by Egyptians, Syrians, Babylonians, Assyrians and Romans. The Arabs, who are now the majority in Palestine, moved in from Arabia as part of a worldwide wave of Moslem conquest in the Seventh Century. Often after such a conquest the temple was burned to the ground and the newcomer attempted to foist his religion and culture on the land. But somehow the conquerors disappeared and the One God remained.

In these pages LIFE Photographer Dmitri Kessel shows what actuality of stony hills and green valleys remains to us of the historical land of the Bible.



WHEN CHRIST LIVED, the Holy Land was described as above by Strabo, great Greek geographer. Broken line

shows direction Hebrews took from time Abraham left Ur of the Chaldees until Moses came to Promised Land.

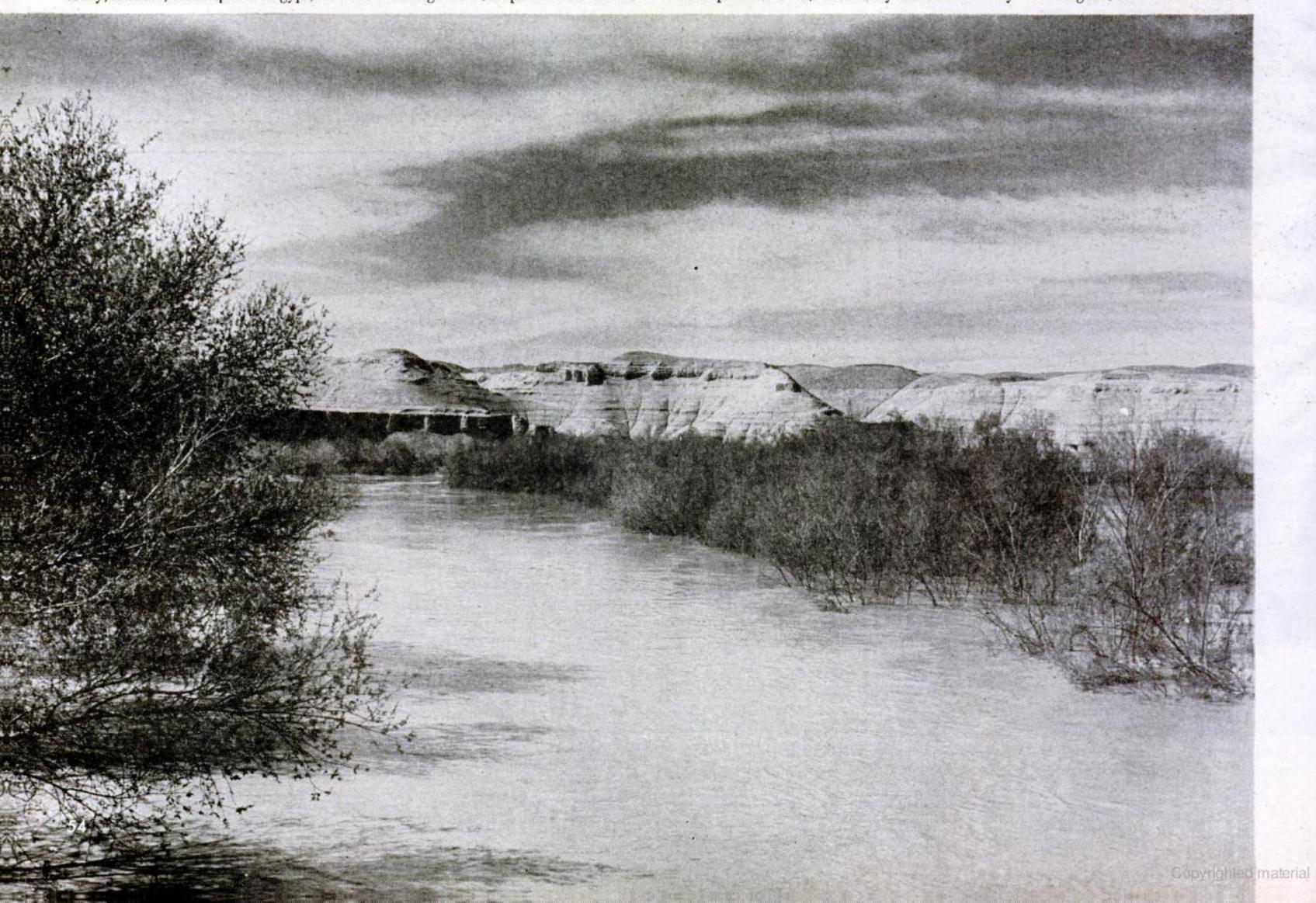


tural pattern. Herod's son, Herod Antipas, was the one to whom Pontius Pilate sent Jesus Christ for examination.



LAND OF GOSHEN (above), whose palm trees, cucumbers and melons still flower today, is small, fertile plot in Egypt, which Pharaoh gave to Joseph and his brethren.

RIVER JORDAN (below) forms Palestine's eastern boundary. Its clay cliffs often collapse into river, which may account for "dry" crossing of Joshua and Hebrews.





THE EXODUS (above) took Hebrews out of plague-ridden Egypt about 1450 B.C., probably across Lake Timsah near the Suez Canal. Winds sometimes blow lake dry.

THE WILDERNESS OF THE WANDERING (below, far background) was where Hebrews roamed before crossing to the Promised Land. Beyond hills is the Dead Sea.



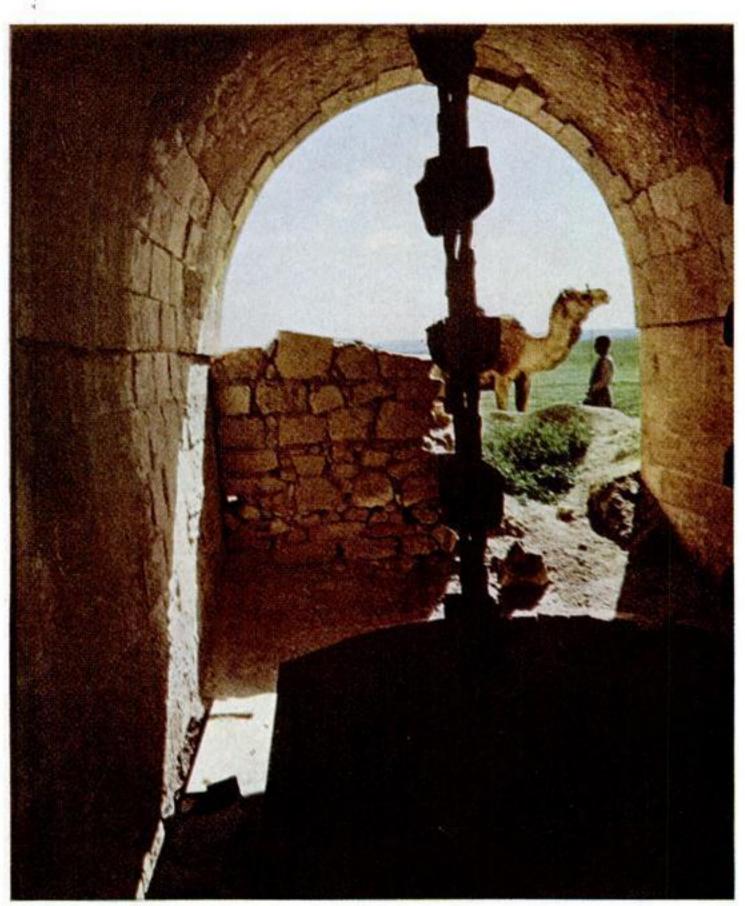


JERICHO, where Joshua's trumpets blew down the walls around 1400 B.C., is now the debris of many successive cities near the Dead Sea. Frequently conquered, Jeri-

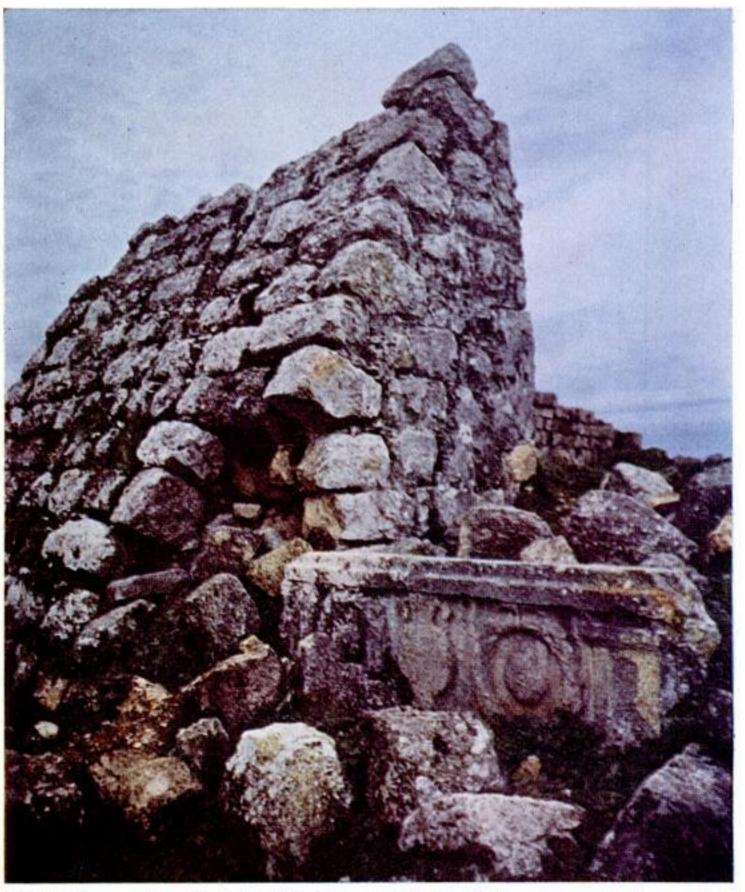
cho became one of the most luxurious cities in Palestine and the winter residence of Herod the Great, the father of the Herod who ruled Palestine at Christ's birth.

## Old Testament

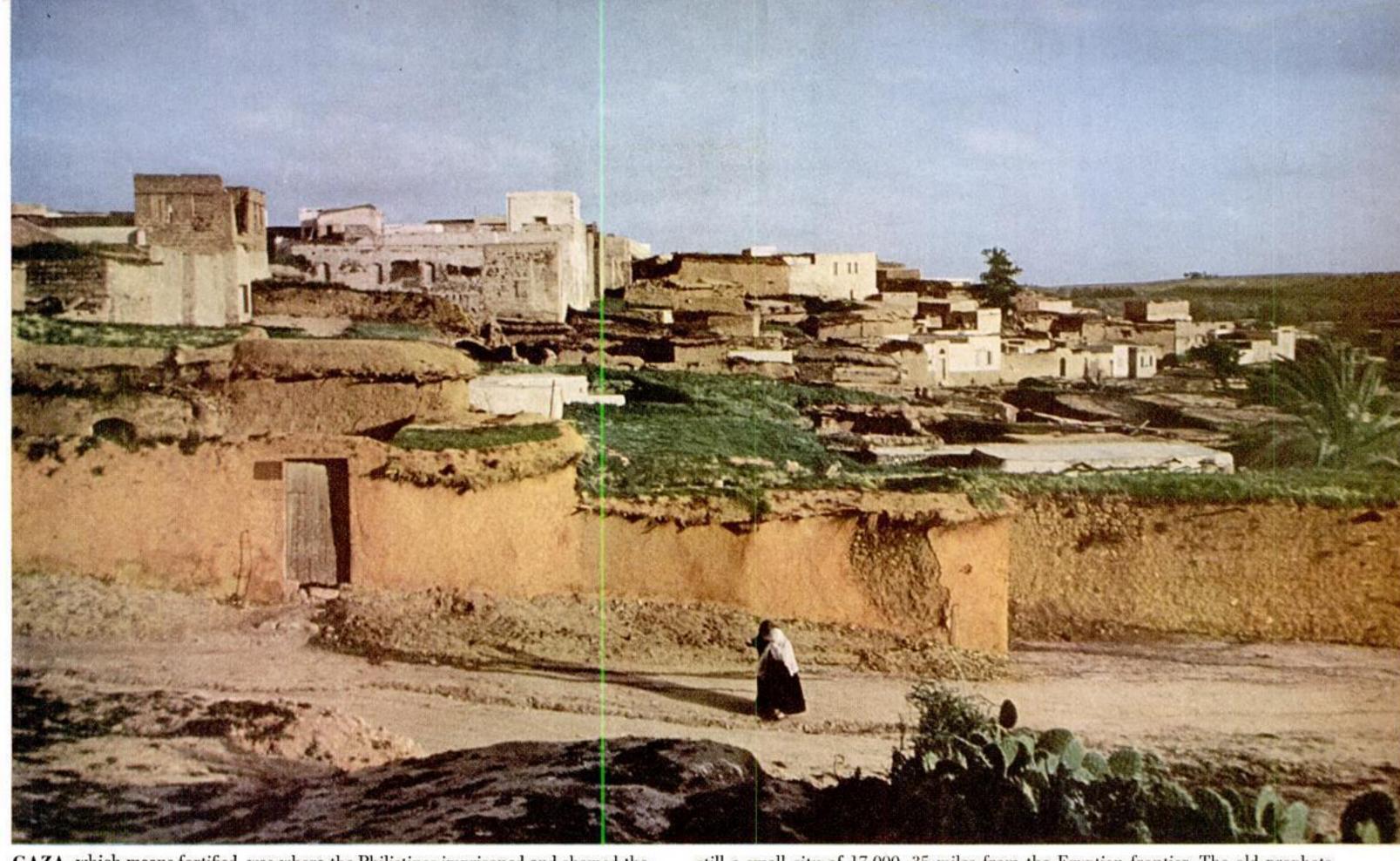
The Old Testament, whose great poetry and prophecy first made the Holy Land holy, is the story of the joys and troubles of the Hebrews. The time when Abraham led his people from eastern Mesopotamia into Palestine is beyond the memory of man. But Joseph called them on into Egypt, where they become confused by some historians with the warlike Hyksos who ruled



THE WELLS OF BEERSHEBA, last caravan stop in Palestine on road to Egypt, are still in active use where first Abraham, then Isaac, dug them before 1800 B.C.



SHILOH was where the Ark of the Covenant first rested permanently when united tribes of Israel conquered land of Judah. Stonework dates from the Sixth Century

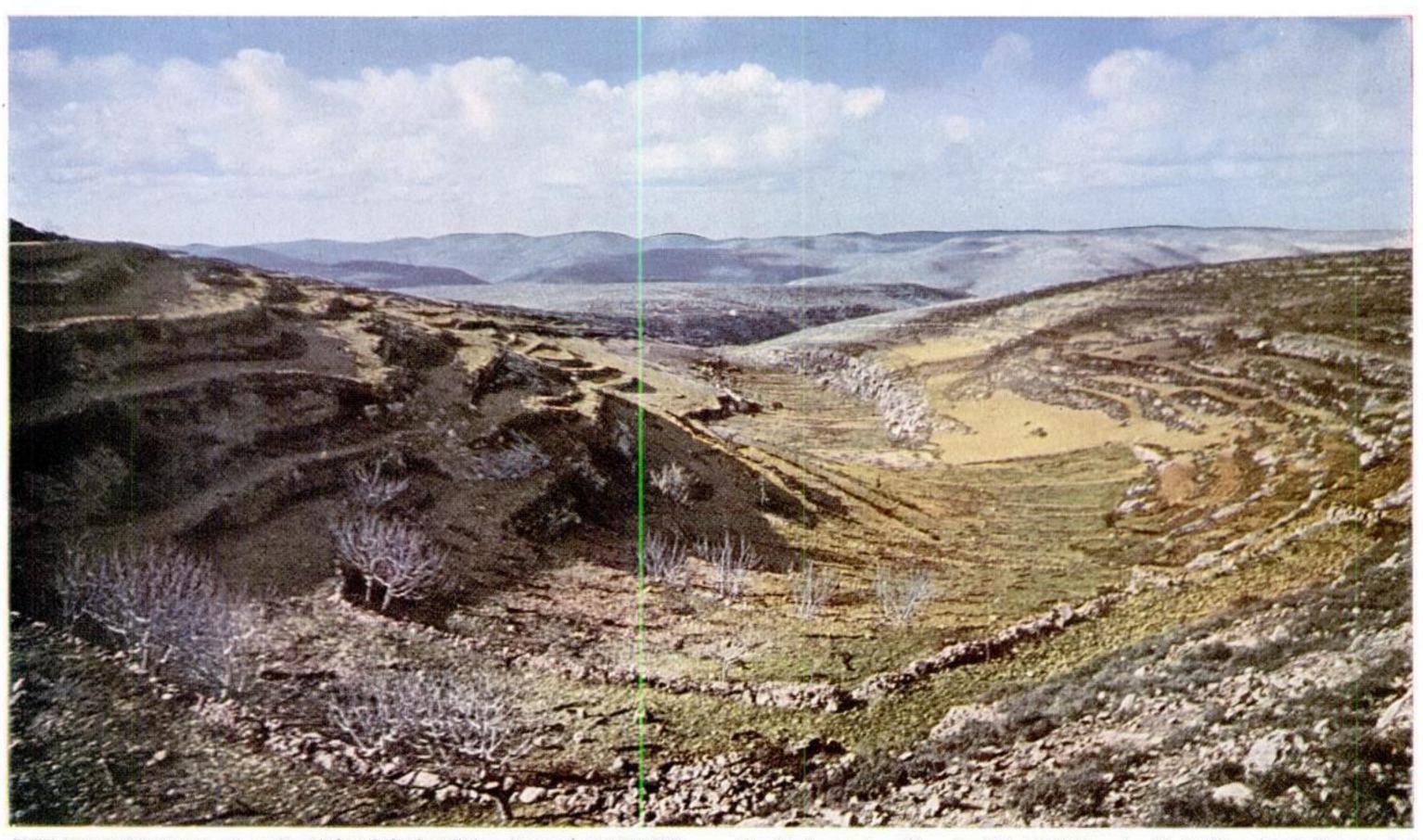


GAZA, which means fortified, was where the Philistines imprisoned and shamed the blinded Samson and where he pulled down the Temple of Dagon about 1100 B.C. It is

still a small city of 17,000, 35 miles from the Egyptian frontier. The old prophets inveighed against its slave trade. Gaza has been fought over throughout history.

the Egyptians for hundreds of years. Moses led the Hebrews back to Palestine around 1450 B.C., long after they had adopted the invisible, one god of Abraham, which they called Yahweh. They had great warriors and heroes: Joshua, Samson, Samuel, Saul, David and Solomon who built the Temple about 950 B.C. But the history of the Jews was made tragic by their division

into two separate and jealous nations: Israel in the north; and Judah (Jerusalem) to the south. The royal families of both, which had begun to adopt gods other than Yahweh, were massacred in the revolt of Elijah and Elisha after 900 B.C. After Babylonia's destruction of the Temple in 586 B.C., the Jews were exiled to Babylon, to return soon for the closing tragedies of the Old Testament.



THE VALE OF ELAH, where David slew Goliath with his sling around 1000 B.C., has a brook whose bottom is covered with perfect sling-shot stones. While the two

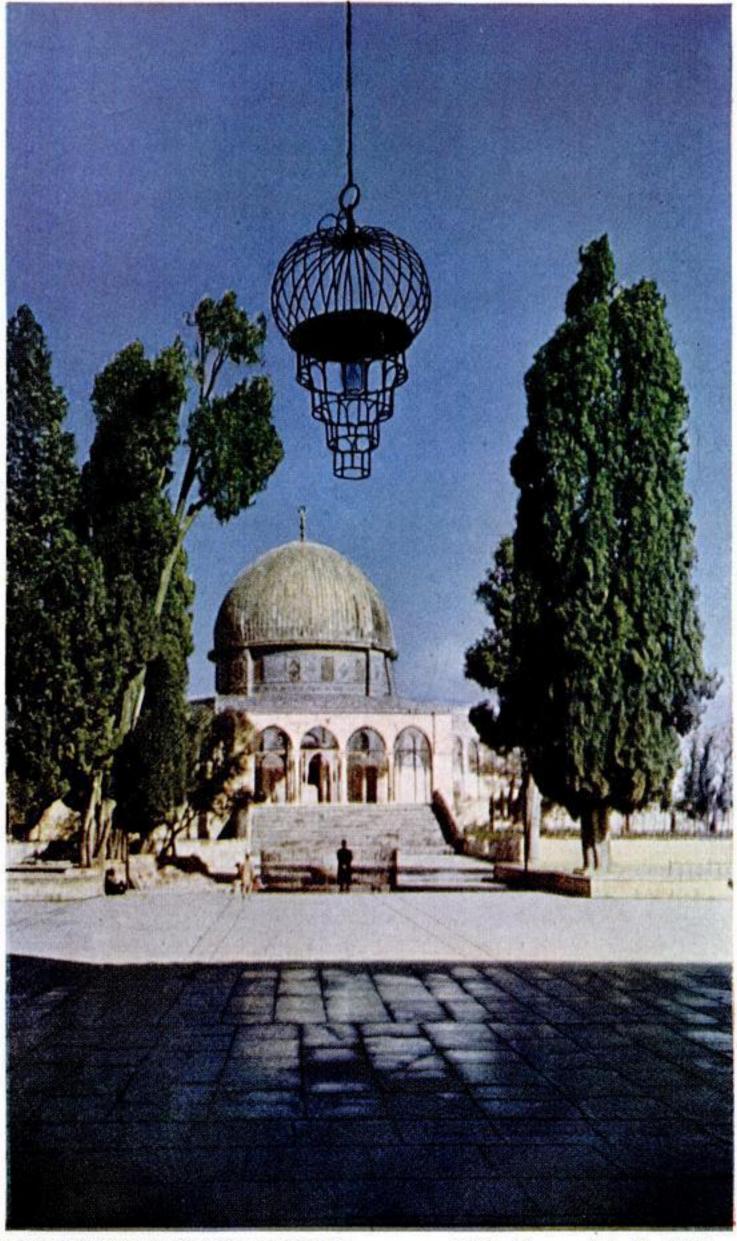
fought, the armies of Israel and the Philistines stood in battle order on the opposing slopes of the valley. The Arabs say the thorn bushes grew from Philistine tent pegs.

## Jerusalem

Jerusalem, which means in Hebrew "City of Peace," is where the Jews believed that Jehovah would hold the Last Judgment and where the dead would begin to rise. Moslems believe that all men will be required to cross a bridge of horsehair stretched between Jerusalem and the Mount of Olives and the wicked will fall into hell. In Solomon's time a chain was said to have hung down from heaven, which swayed toward the just in legal disputes. At least 5,000 years old, Jerusalem was an Egyptian garrison outpost before David conquered it about 1000 B.C. It was destroyed by Nebuchadnezzar of Babylon, rebuilt under Darius of Persia and plowed under again by the Roman Titus in 70 A.D. Yet it remains the holiest city in the world, whose stones are contended for among the Jews and the Moslems, and the Roman Catholic, Greek Orthodox, Armenian, Syrian Jacobite and Coptic churches.

The stones of the Wailing Wall, which dates from Herod's time, weep at night and the Jews chant their lament:

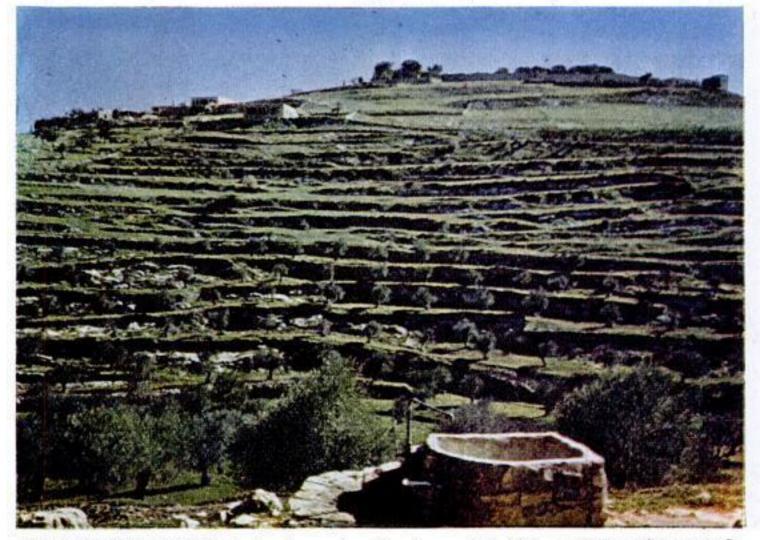
"Because of the palace which is destroyed,
We sit in solitude and weep.
Because of the Temple which is destroyed,
We sit in solitude and weep.
Because of these walls which are cast down,
Because of our past glory,
Because of great men who have perished,
Because of sacred stones which have been burned,
Because of the city's sorrow,
We sit in solitude and weep."



SITE OF SOLOMON'S TEMPLE is now occupied by Dome of the Rock, Moslem shrine. Solomon's temple was constructed in 950 B.C. by some 183,000 workers.



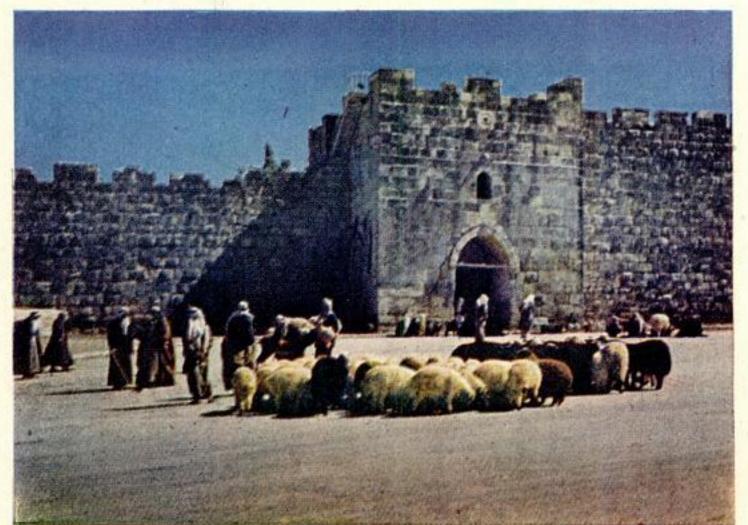
THE CITY OF PEACE, which has seen a good deal more war than most cities, lies above valleys of Kidron and Hinnom, which means hell. Gethsemane is off left.



MOUNT OF OLIVES, facing Jerusalem, lies beyond the Kidron Valley (foreground). On its slope on the eve of his Crucifixion, Jesus suffered, was betrayed and seized.



The Temple area is enclosed by the wall. Solomon's throne stood at extreme right, near the Moslem Dome of the Rock. The white and blue building (center) is the



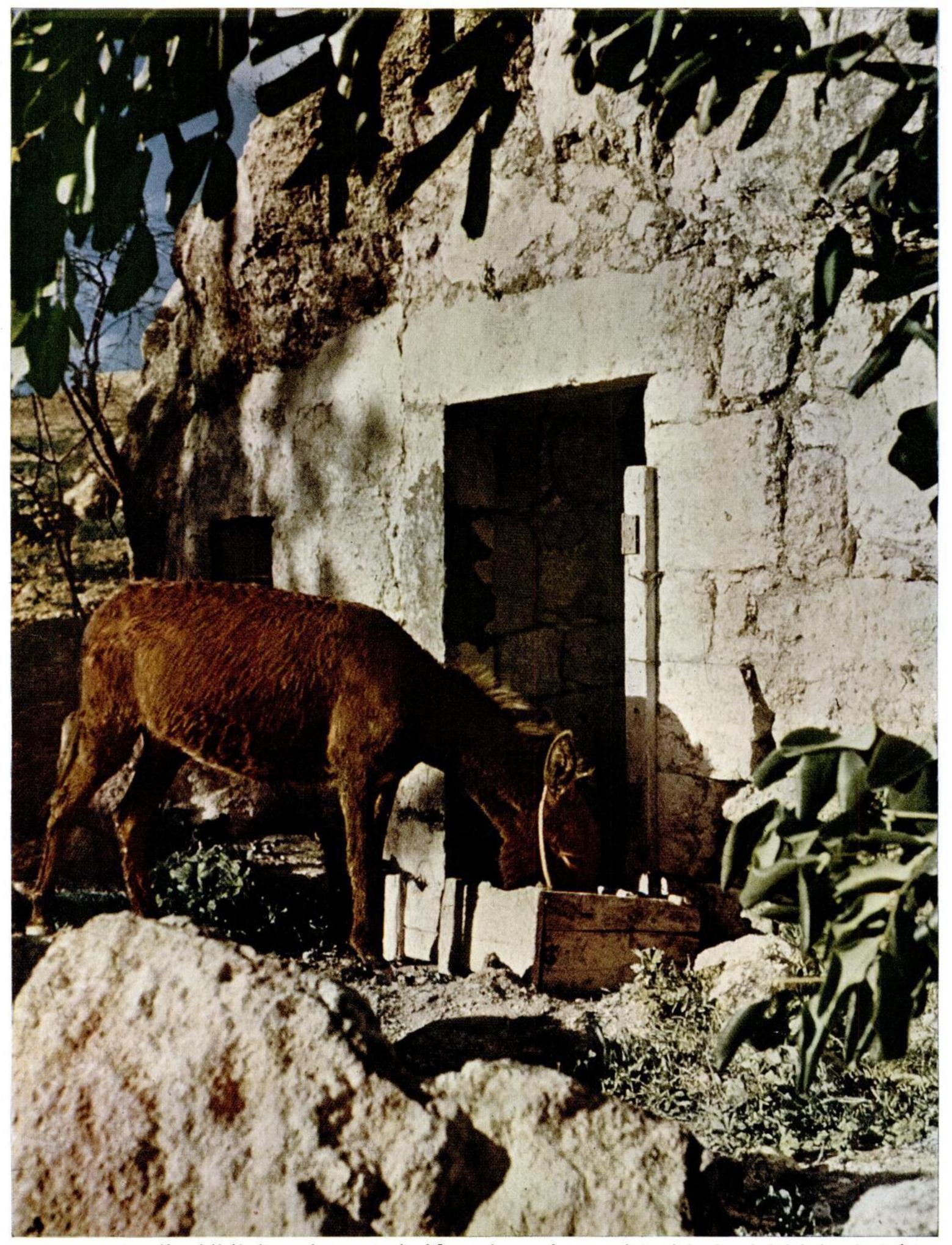
HEROD'S GATE stands in Jerusalem's vulnerable north wall, where nearly all Jerusalem's numerous conquerors attacked. This is one of seven gates into old city.

Mosque El Aksa, Moslem administrative headquarters for Palestine. Beyond it is the Wailing Wall. The tower at left rear is the YMCA behind the King David Hotel.



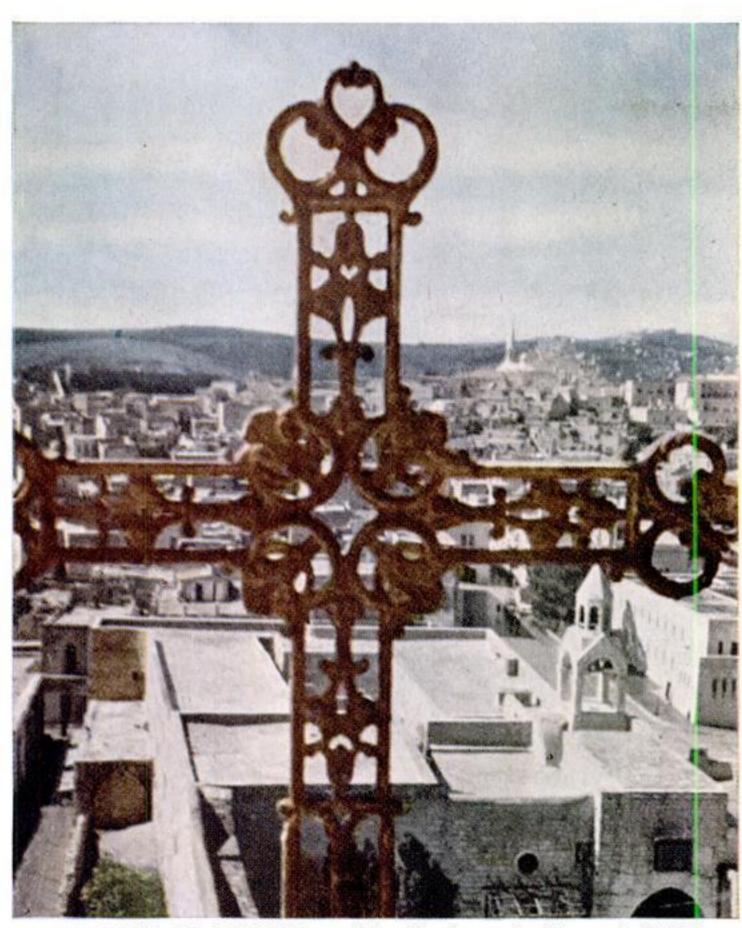
GARDEN OF GETHSEMANE, where Jesus resolved to be martyred, is now tended by monks. Here is "Tree of Agony" from whose olive pits rosaries are made.

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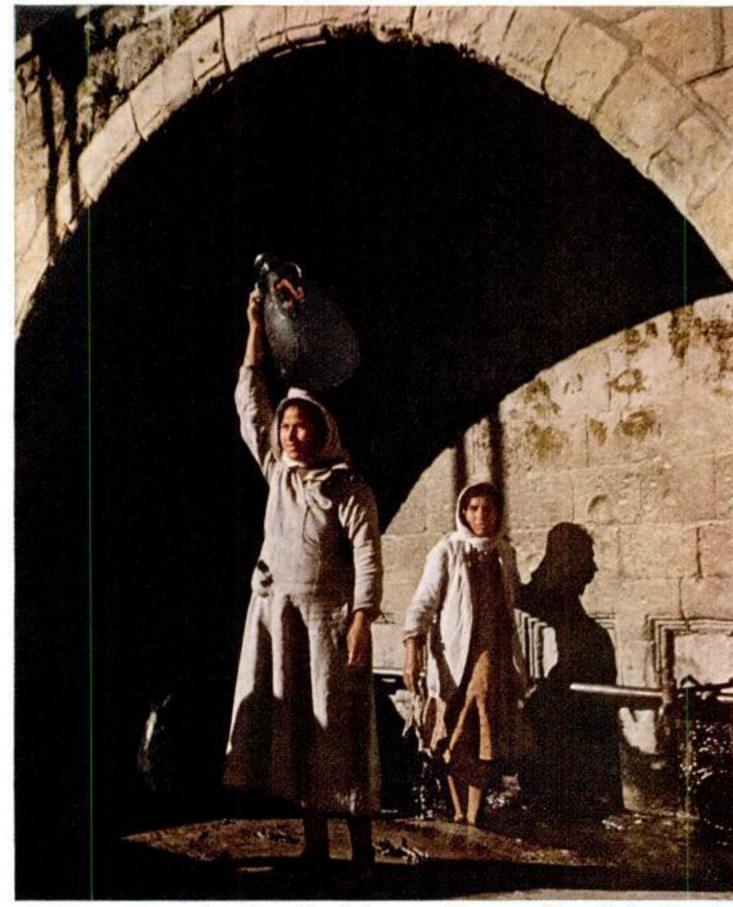


IN BETHLEHEM in a stable probably like this one, where an ass is tethered, Jesus was born about 6 B.C. It was customary then, and still is, for the families in some

houses to sleep on an eight-foot platform beneath which the domestic animals were kept. The Holy Family had journeyed 90 miles from Nazareth south to Bethlehem.



BIRTHPLACE OF CHRIST is traditionally taken to be this spot in Bethlehem, on which the Church of the Nativity now stands. Church was first built in 330 A.D.



IN NAZARETH, where Jesus lived for some 30 years, this well is still called Mary's Well or Jesus' Well and is the chief gathering place for people of the town.

## Dem Mestament

In the 35 years of Jesus' existence as a man, the story of the Hebrews reached the climax foretold by the prophets. The first Christians, who were Jews, confidently expected the world to come to an end in their time and most of the New Testament is written in that faith. The Jewish nation did come to an end in 70 A. D. when, after a revolt of the Jews, Rome destroyed Jerusalem.



THE SEA OF GALILEE, where Jesus calmed the waves and on another occasion walked on the water, is still subject to violent storms and sudden calms, I eing

set deep in the hills 682 feet below sea level. The River Jordan flows through Galilee. Long desolate, the area is now being redeveloped by the Jewish National Fund.

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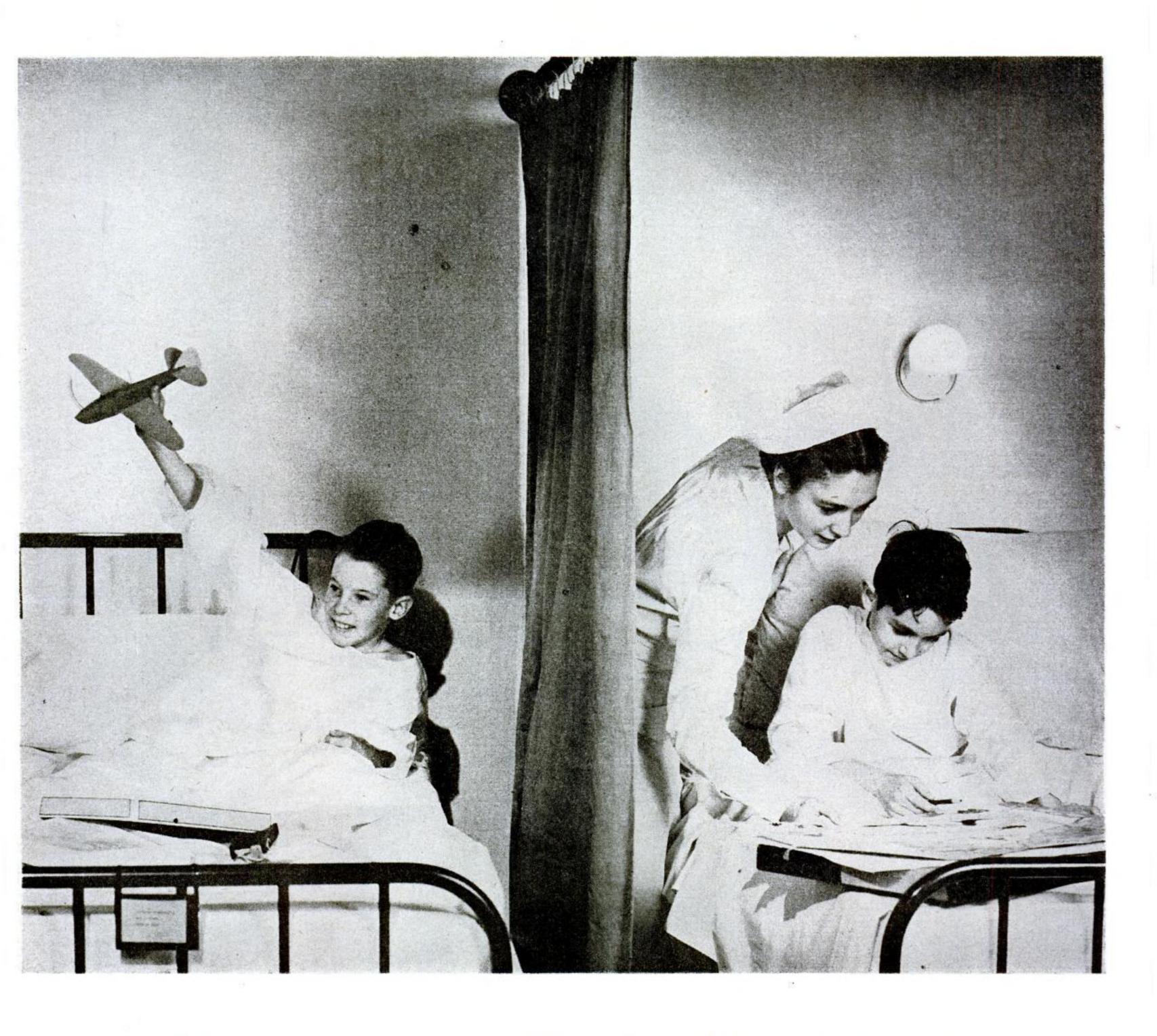
THE TOMB OF JESUS, where the rock was rolled away and he arose from the dead, may have been here, in a cave cut from the live rock by a pool near the Damascus

Gate. Traditionally, the tomb is under the Church of the Holy Sepulchre. The date is thought to have been 29 A. D. The event has given men joy and hope ever since.



THE WILDERNESS OF JUDEA, where Monastery of St. George sits embedded in live rock of Wadi el-Kelt on site of Sixth Century Justinian monastery, is still

barren waste. This was favorite refuge for ascetics of Jewish, Moslem and Christian religions. Here John the Baptist came preaching and Jesus was tempted of the devil.



### There are two sides to this picture!

Each boy in each bed is being helped back to health by a new medical development. Each of these developments owes much, surprisingly enough, to milk — and each does a completely different job!

Billy, on one side, will soon be on his feet, thanks to the antibiotics. Their job is to attack infection, destroy "bugs." In short—kill. One of these is penicillin, which is derived from a mold nourished by milk sugar.

Jimmy, on the other side, is gaining strength from a group of "builder-uppers." Their job is to restore tissues, replenish organs. Concisely, to give life. These are the aminos—basic elements of protein, furnished in abundance by milk.

Both sides of this picture illustrate a story of extensive milk research. At National Dairy plants, proteins, sugars and aminos are produced from milk and supplied for numerous pharmaceuticals which are making great contributions to the nation's health and knowledge of nutrition.

Similar research has resulted in a brandnew kind of baby food — in a smart textile
fiber—in a delicious flavoring agent—and
in many other such products whose acquaintance you are making. By this means, National
Dairy constantly works to extend the usefulness of milk—nature's most nearly perfect
food—so that it may perform an even fuller
service to you and your family.

Dedicated to the wider use and better understanding of dairy products as human food ... as a base for the development of new products and materials ... as a source of health and enduring progress on the farms and in the towns and cities of America.







PRODUCTS CORPORATION
AND AFFILIATED COMPANIES



THE CHASE: THE DOG IS CARRYING A MESSAGE, IS TRAILED BY A BRITISH FOREIGN OFFICE MAN, A NAZI, A MIDGET, A RED-HAIRED MATA HARI AND GROUCHO

## HOW TO BE A SPY

Groucho Marx prepares for movie by intensive study of espionage In the past few weeks the question of espionage has become a grievous irritant to international relations. In Canada the disclosure of Russian spy activities has become a cause célèbre. The U.S. has been working, in semi-secrecy, to set up an efficient espionage network to protect its security. The dark bodings of the situation, however, are being lightened by Groucho Marx.

In preparation for his new movie, A Night in

Casablanca, a tale of international intrigue (see p. 70), Mr. Marx has had to delve extensively into the modus operandi of spying. The Marxian machinations which resulted from his studies are presented here. All incidents and commentary were devised personally by Mr. Marx in his capacity as Marx the Master Spy. More than that, all research is offered free to the Office of Strategic Services as Mr. Marx's contribution to national security.

WATCHING ENEMY AGENTS THROUGH A KEYHOLE: ON SEEING HIM, GIRL SAYS, "WON'T YOU JOIN MET" GROUCHO REPLIES, "WHYT ARE YOU COMING APARTY"

CONTINUED ON NEXT PAGE 65



"You need no reservation since you're rid of your '5 o'clock Shadow'! Front!"

## Back! America's favorite razor— the world's finest shave!

the famous Gem Micromatic Razor, with its exclusive face-fitting bevel that permits you to use the masterbarber's long, gliding stroke. All metal. All one-piece. Nothing to take apart. Twist ... it opens! Twist ... it closes! Clog-proof. Try the Gem way of shaving! Avoid "5 o'clock Shadow"!

GEM "PEERLESS" MODEL-gold-plated razor in handsome, richly lined metal case with 5 Gem Blades in gold-plated sheath, \$1.25.

AVOID '5 O'CLOCK SHADOW' WITH

GEN RAZORS
BLADES



LOOKING FOR FOOTPRINTS: Groucho figures that there are plenty of them nearby. Marx's spying is generally done in pleasant surroundings.

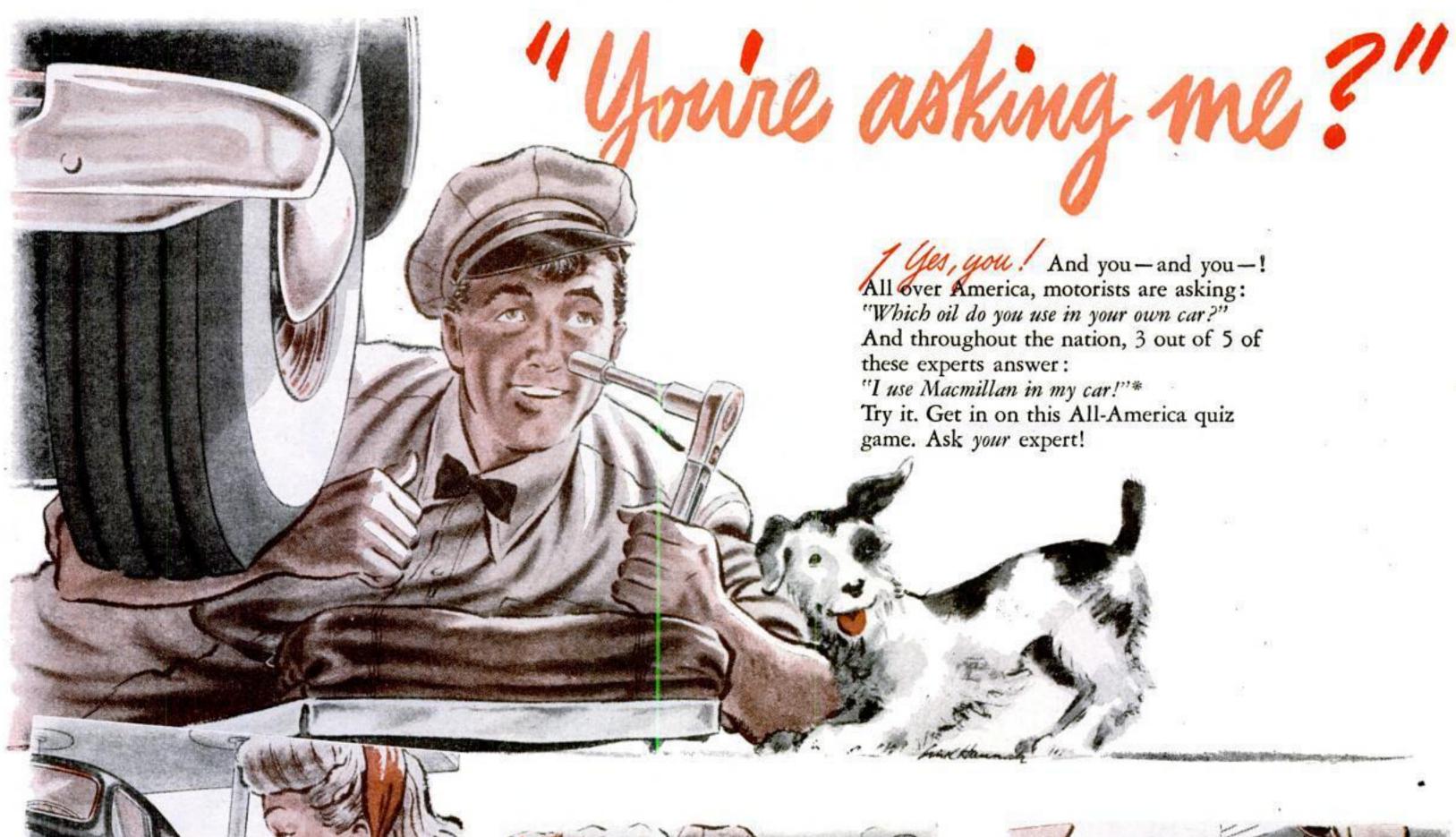


COUNTERESPIONAGE: Groucho turns on the charm and rifles girl's purse for embassy secrets as she picks his pocket. He gets half of her loot.



CRACKING A CODE: Marx believes it has something to do with the race between big movie companies to make the first picture on the atom bomb.

CONTINUED ON PAGE 68



Why DO YOU USE MACMILLAN IN YOUR CAR?" Well, there are lots of reasons. Macmillan Ring-Free oil is guaranteed to remove hard carbon. That cuts down repair bills. It is a clinging, penetrating oil. That means your car will run smoother, longer.



Next time you drainyour crankcase, refill with Macmillan. Or if you're just between drains and need to add a quart, make it Macmillan...even a little makes a difference!

© 1946, M. P. C.



3 my own car - I WANT THE BEST!" The oil that's different! The only oil refined by Macmillan's exclusive, patented process. Fights heat. Resists pressure. That slick, tough, oily film keeps a motor running free and easy. You can prove it in your car...

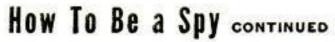


A Best for the experts BEST FOR YOU! String along with the experts — independent service station owners, garage men. Look for the Macmillan sign in your neighborhood. Drive in. Expect a big difference in performance when you drive away with a crankcase full of the oil that cleans as it lubricates.

Throughout the nation, 3041 of 5 of these dealers\* say
"I USE MACMILLAN"

IN MY CAR!"

\* Based on actual reports from thousands of independent dealers who sell Macmillan and more than 800 other brands of oil.





INVISIBLE INK: This is called a weekend message because it will not come to light until girl takes Saturday-night bath. Spies get cheaper rates that way.



RIFLING THE DESK: This is considered an infallible method by Marx because even if he does not get the papers, he will probably shoot the Nazi.



IN HIDING: Crawling under a bed is often necessary for the Master Spy. As a precautionary measure he carries periscope to see when coast is clear.

CONTINUED ON PAGE 70



eyes are on Layser.

90ww for good AND FITTING

HOSIERY UNDERTHINGS GLOVES LINGERIE

REASONS



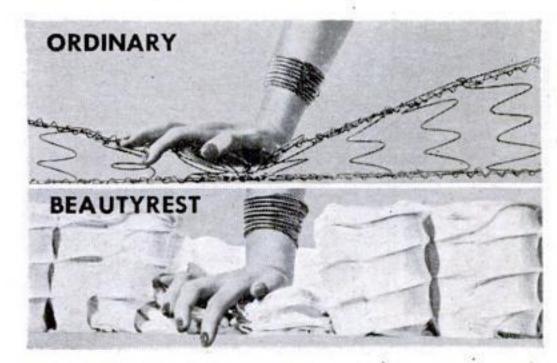
## What to do... IF YOU NEED A NEW MATTRESS

7. The best thing to do . . . is to wait until Beautyrest is back!

For, remember, a mattress is one of the most important purchases you ever make. It's an investment in rest . . . in comfort . . .

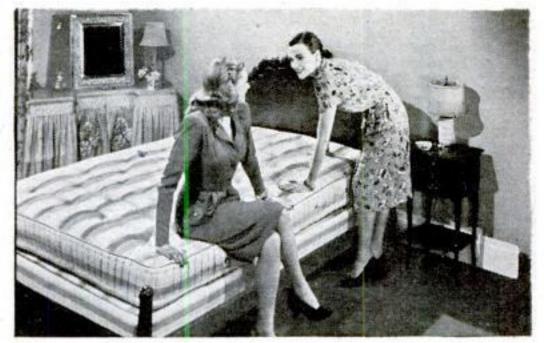
in well-being. So it pays to buy wisely!

And what could be wiser than waiting a while longer . . . when that waiting will bring you at least ten glorious years of "luxury comfort"—with Beautyrest!



2. "Inside Story" comparison! On the outside, mattresses look pretty much alike. It's what's inside that counts! In the ordinary inner-spring mattress, coil springs are tied together, go down together, forming hollows.

But Beautyrest's 837 coil springs are not tied together, act independently. Each separately cushions your hips, shoulders, legs . . . gives you gloriously buoyant comfort! Isn't it wiser to wait for this?



Comfort you can count on! After a few years, some mattresses lose their "looks" and "let you down." But not Beautyrest. It does not sag, get lumpy or out of shape. Its patented "sag-proof" border stays neat, firm, resilient. (That's why Beautyrest needs turning no more than 4 or 5 times a year.)

Eight special side ventilators keep it fresh and sanitary, too. Isn't it wiser to wait for a mattress like this?



4. "Million Dollar" luxury—1¢ a night! It's seldom you get a bargain when you buy a luxury—but Beauty-rest is both!

Over its 10 guaranteed years of luxurious comfort—yes, 10 guaranteed years—all it costs is about 1¢ a night.

How little to pay for the world's most comfortable mattress! More reason why it's so much wiser to wait—. and invest in a Beautyrest!

It's wiser to wait for BEAUTYREST\*—The World's Most Comfortable Mattress!

Made by SIMMONS COMPANY

"MAKER OF THE ELECTRONIC BLANKET")

### NEW MARX FILM IS SET IN CASABLANCA

The newest movie of the Marx Brothers, A Night in Casablanca, produced by David L. Loew, was made to poke fun at Casablanca, the Warner Bros. film with Ingrid Bergman and Humphrey Bogart. In it Groucho manages a hotel which is a Nazi spy center. With the aid of Harpo and Chico he finds the Nazi treasure and escapes in an airplane piloted by Harpo. This view of Casablanca made Warner Bros. so angry that they asked the Hays Office to "restrain" the Marx production.



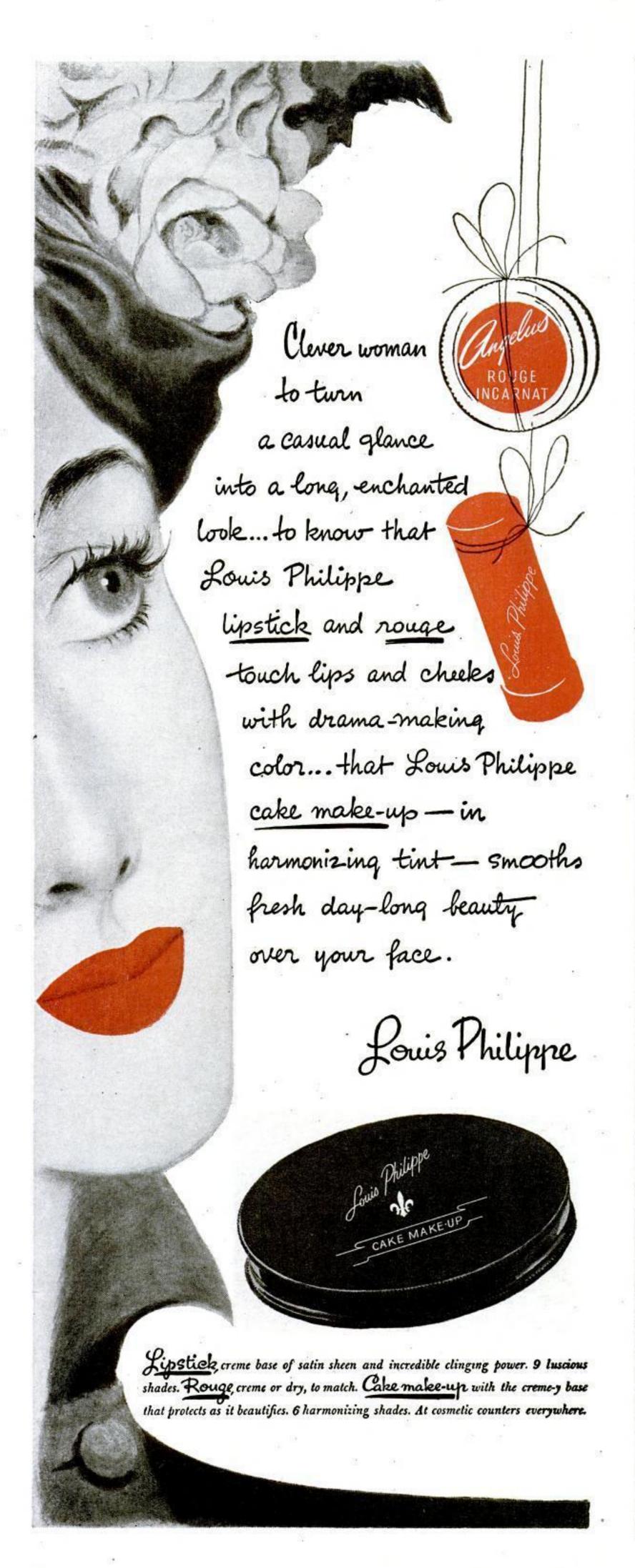
GROUCHO ARRIVES in Casablanca to manage hotel. He sees a camel peacefully chewing cud, asks, "Have you got another stick of gum on you?"



HARPO FIGHTS A DUEL with a Nazi spy who is hiding out in Africa. By failing to observe any dueling etiquette, he soundly defeats his opponent.



CHICO AND HARPO break the bank at hotel's roulette table. All they did was forget to take their bets off a number which continued to come up.





#### © C. P. R. CO.

#### Sweet Mystery of "Baker" Street...

EXHIBIT A: One beautiful loaf of bread, fresh and fragrant, with firm, even texture and appetizing "bloom" and crust.

THE MYSTERY: The baker put dextrose sugar in the "mix" before baking . . . but there's only a mere trace of dextrose in the finished loaf ... where did it go?

THE CLUE: Sugar is put in bread dough to "feed" the yeast ... yeast cells thrive especially well on dextrose sugar.

THE SOLUTION: In developing a superior loaf of bread, the dextrose disappears but its goodness remains . . . which explains why American bakers use millions of pounds of dextrose every day.

CONCLUSION: When a bread wrapper reads "baked with dextrose" it means Quality ... with a capital Q. You may buy this bread with confidence in its wholesome goodness ... at no extra cost.

CORN PRODUCTS REFINING COMPANY . One of the producers of dextrose . ARGO, ILLINOIS

Look for mention of dextrose on the labels of jams and jellies, canned fruits and juices, cereals, soft drinks, candy and other foods to which dextrose gives better flavor, texture and appearance as well as genuine food-energy value.



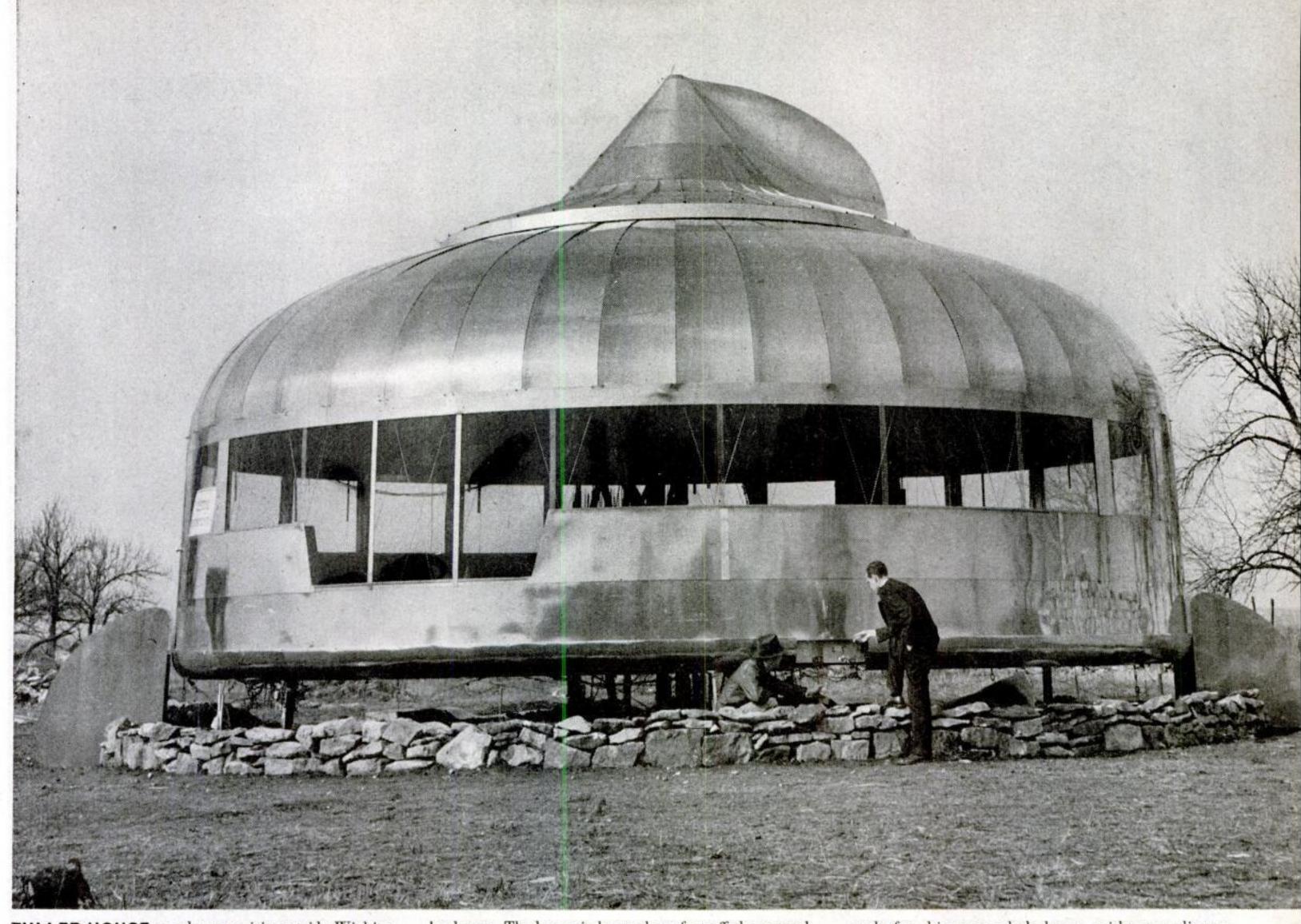


• When good living becomes a fine art, the discriminating choice in chewing gum is Teaberry. Sophisticated people appreciate its rare, its different flavor! The exhilarating, tempting taste of mountain-grown teaberry—blended in gum of smoother, finer quality for your supreme enjoyment.



Carry It with You Always

Product of Clark Bros. Chewing Gum Company of Pittsburgh, Penna. © 1946 C.B.C.G. Co.



FULLER HOUSE stands on prairie outside Wichita, Kan. This test model is being subjected to a series of

load tests. The house is hung three feet off the ground. Stone foundation is just for looks. Knocked down and

ready for shipment, whole house, without appliances, fits into metal tube 16 feet long and 4½ feet in diameter.

### FULLER HOUSE

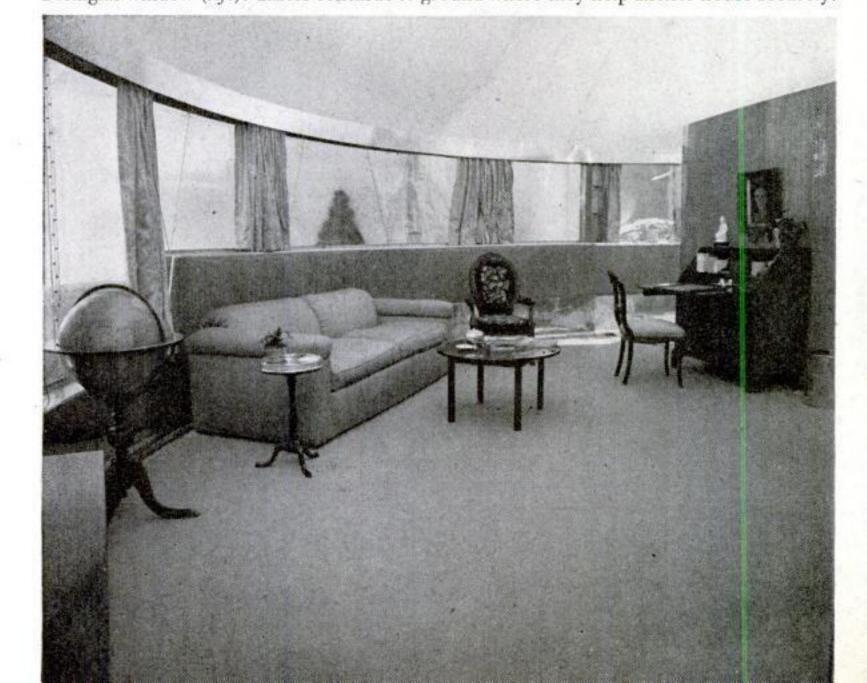
Newest answer to housing shortage is round, shiny, hangs on a mast and is made in an airplane factory Unveiled last week was the most startling solution yet offered for the U. S. housing shortage. It was a round aluminum structure, 36 feet in diameter. At its center was a mast, anchored in the ground. From it radiated cables on which walls and floor were hung. Around the outside ran a plastic window. On the roof was a streamlined, revolving ventilator. The inside had four wedge-

and floor were hung. Around the outside ran a plastic window. On the roof was a streamlined, revolving ventilator. The inside had four wedge-shaped rooms, two baths, range, dishwasher, refrigerator, garbage-disposal unit, three revolving closets and three electric bureaus.

Some called it a house, others a machine. De-

signed by Buckminster Fuller, it was made by Beech Aircraft Corp., Wichita, Kan., which expects to be producing it in volume by next January. The house is a descendant of Fuller's 1927 Dymaxion House but, unlike its ancestor, is eminently practical. Included in the hoped-for selling price of \$6,500 are all appliances plus shipping and erection charges anywhere in the U.S. Although its 8,000-pound weight licked the problem of national distribution, big bugaboo of other factory-made houses, one major question remained: Would people buy such a strange house?

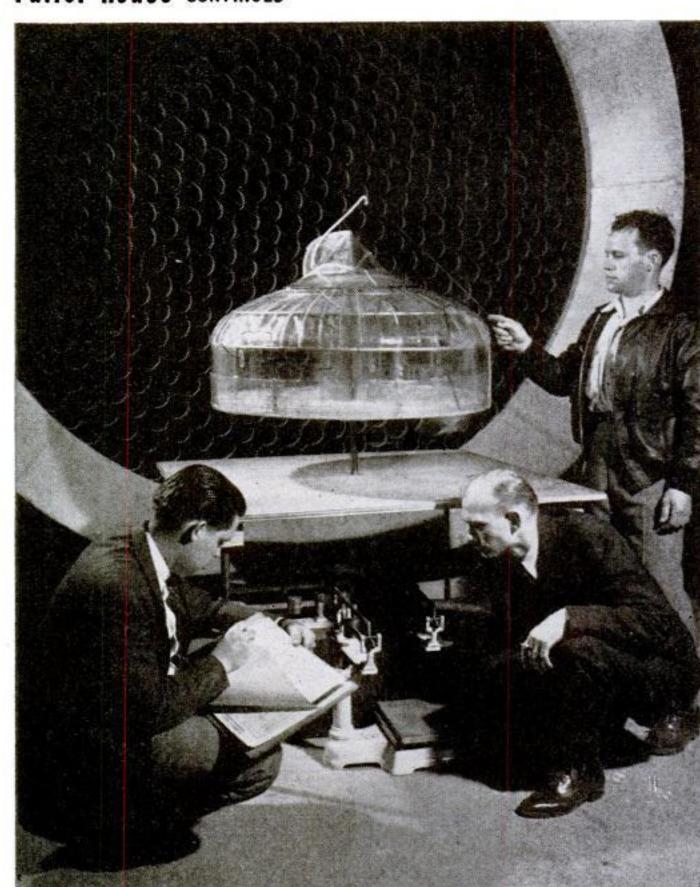
LIVING ROOM has area of 338 square feet. Supporting cable may be seen crossing the Plexiglas window (left). Cables continue to ground where they help anchor house securely.



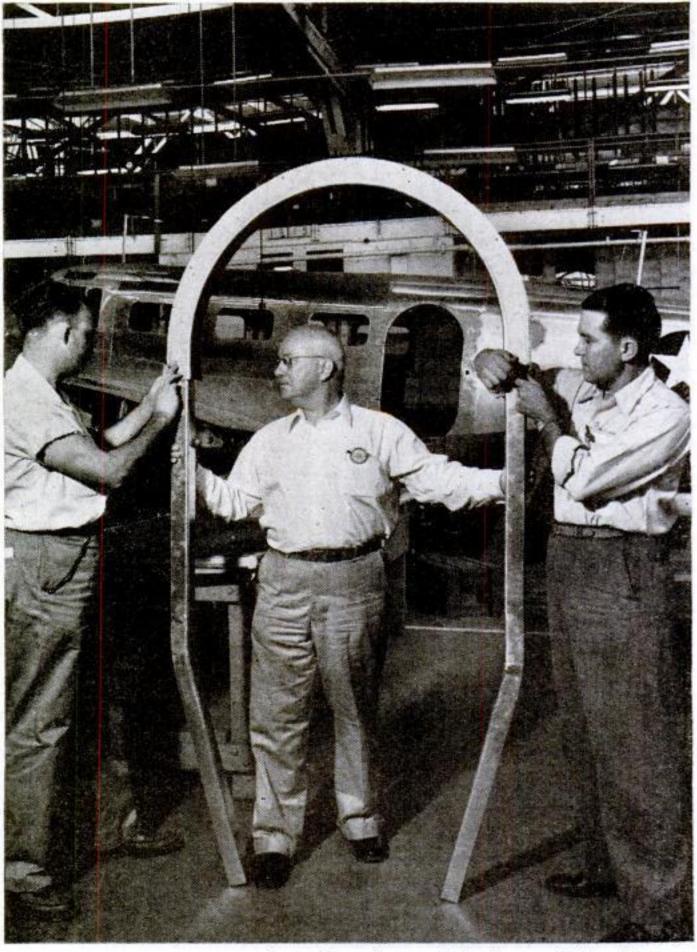
BEDROOM is furnished in orthodox manner. Builders hope that convenience and comfort of Fuller house will help overcome prejudice against appearance.



#### Fuller House CONTINUED



WIND-TUNNEL TEST on scale model proves that house can stand a 180mph hurricane. Low wind resistance makes house easy to heat. Fuller Houses, Inc. owns design of house, licenses companies like Beech to manufacture it.



INVENTOR FULLER stands in door frame of his house. Behind him is Beech airplane assembly line. Few changes are needed on aircraft tools to convert them to house making. Fuller hopes soon to sign up other plane makers.

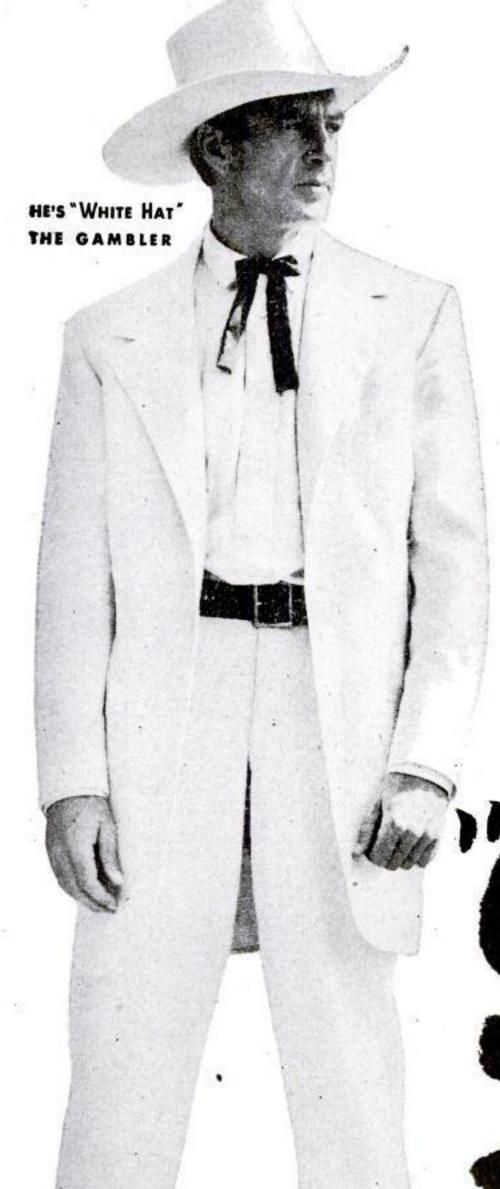
#### CONTINUED ON PAGE 76

RUSSELL PATTERSON



on sheets, printed tablecloths, cotton fabrics by-the-yard and in sportswear, work clothing, shirts, pajamas, dresses, children's wear, rainwear.

# Cary



## Ingrid Borgman

SHE'S HIS CLIO

OF NEW ORLEANS

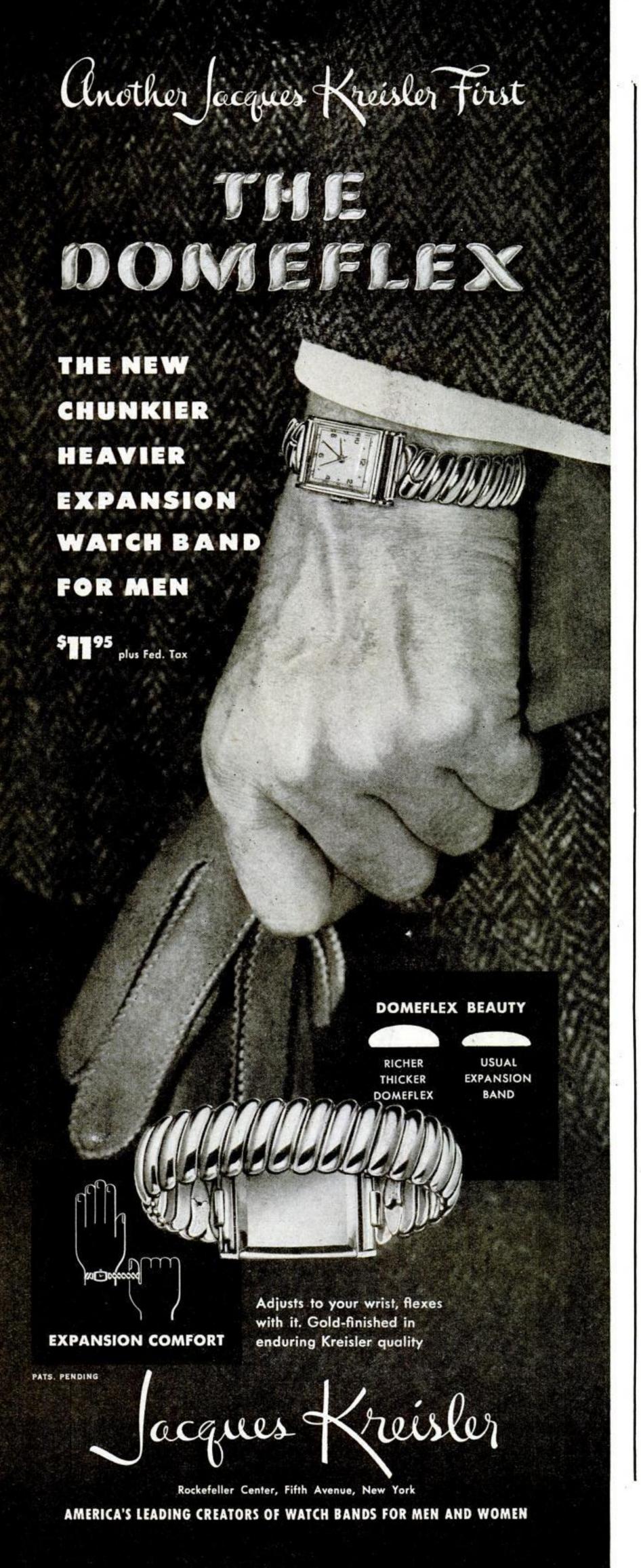
YOU CAN'T DREAM OF A TEAM

MORE EXCITING THAN THE LOVERS IN

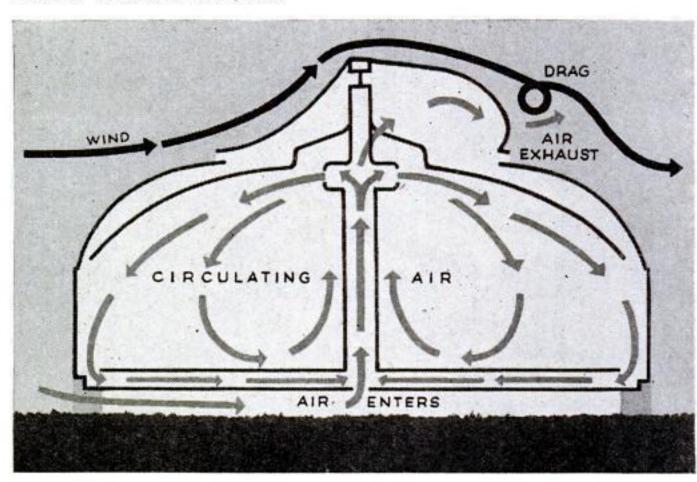
## SARATOGA TRUME"

WARNERS Biggest!

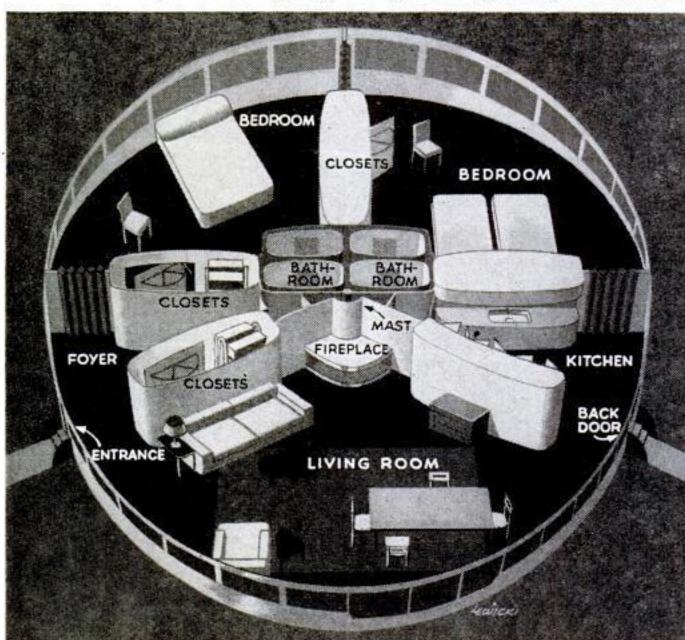
EDNA FERBER'S STORY OF STORIES - WITH FLORA ROBSON - HALB. WALLIS PROD'N - DIRECTED BY SAM WOOL



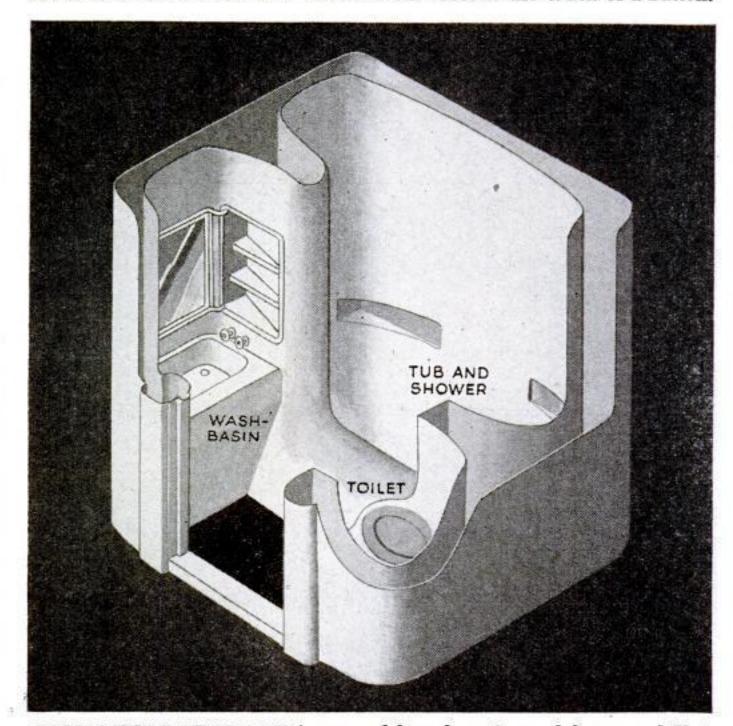
#### Fuller House CONTINUED



VENTILATION SYSTEM starts with hole at base of central mast. Air enters, circulates through rooms, goes out ventilator at top. Ventilator revolves to head into wind, thus creating drag which pulls air up through whole house.



PLAN VIEW OF HOUSE shows its four wedge-shaped rooms. The closet units contain electric bureaus and semicircular clothes racks. Bureaus consist of shelves which revolve like a Ferris wheel at the touch of a button.



COMPLETE BATHROOM is stamped from four pieces of sheet metal. Unit takes up 25 square feet, has a shower and a full-size tub as well as basin and toilet. Like whole house, bathroom has few square corners, is easy to clean.



FOR PLEASANT MOMENTS—here's a Perfect Match!
The gardenia . . . and PM DE LUXE.
Both exactly right.
PM is so superlatively flavored,
smooth and mellow, that just suggesting,
"Have a PM with me?"
pays the friendliest sort of compliment.

You're always sure the Pleasure's Mutual.



IT ISN'T AN EVENING

National Distillers Products Corporation, New York Blended Whiskey. 86.8 Proof. 65% Grain Neutral Spirits.



#### MORE BEAUTY

Choice of rich fabrics in Seagray or Rust with contrasting trim. The new Mercury is a symphony of smartly blended colors and handsome appointments.



#### MORE PERFORMANCE

It's the best yet—this new improved Mercury engine—and is it packed with power! 19 brandnew engine features assure you power to spare—anywhere!



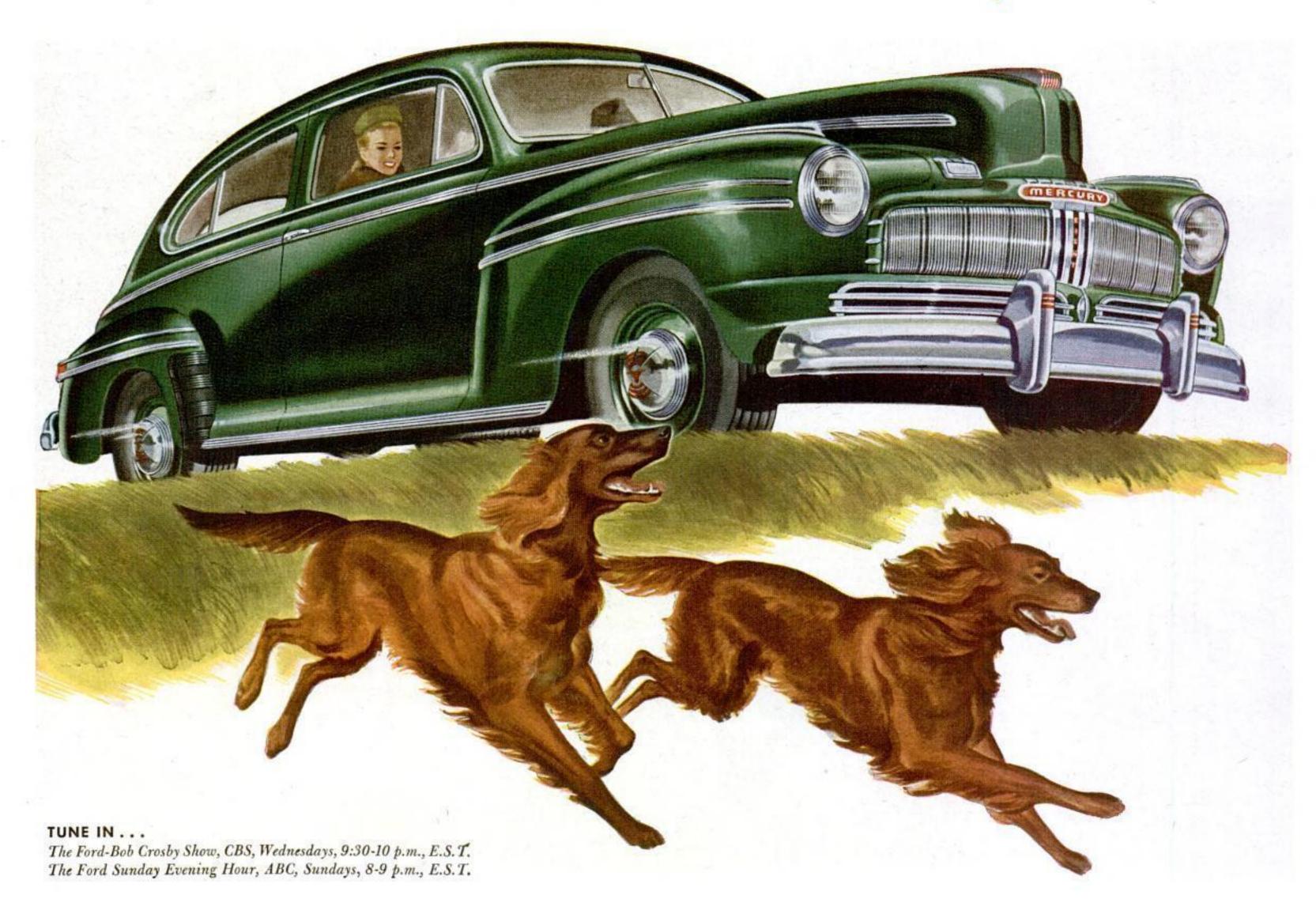
#### MORE ECONOMY

New automatic carburetion and new pistons save gas and oil. Mercury is definitely a step ahead in economy, beauty, performance—everything you want! ★ You're a step ahead when you step into the new 1946 Mercury. Here's more beauty—all the way through—from massive new front grille to colorful two-tone interiors. More all-around performance: faster pick-up, power that flattens out hills, and bigger brakes that give you safe, sure stops with pressureless ease. There's more economy, too—for Mercury is surprisingly easy on gas and oil. Here is the heritage of over four decades of engineering skill . . . here is what you've been waiting for—the 1946 Mercury!

SEE IT AT YOUR MERCURY DEALER

## OTE OF EVERYTHING YOU WANT







TERRY MOORE, CARDINAL CAPTAIN AND CENTER FIELDER, SLIDES HARD INTO THIRD BASE. THE CARDINALS HAVE A TRADITION OF TOUGH, FAST BASE RUNNING

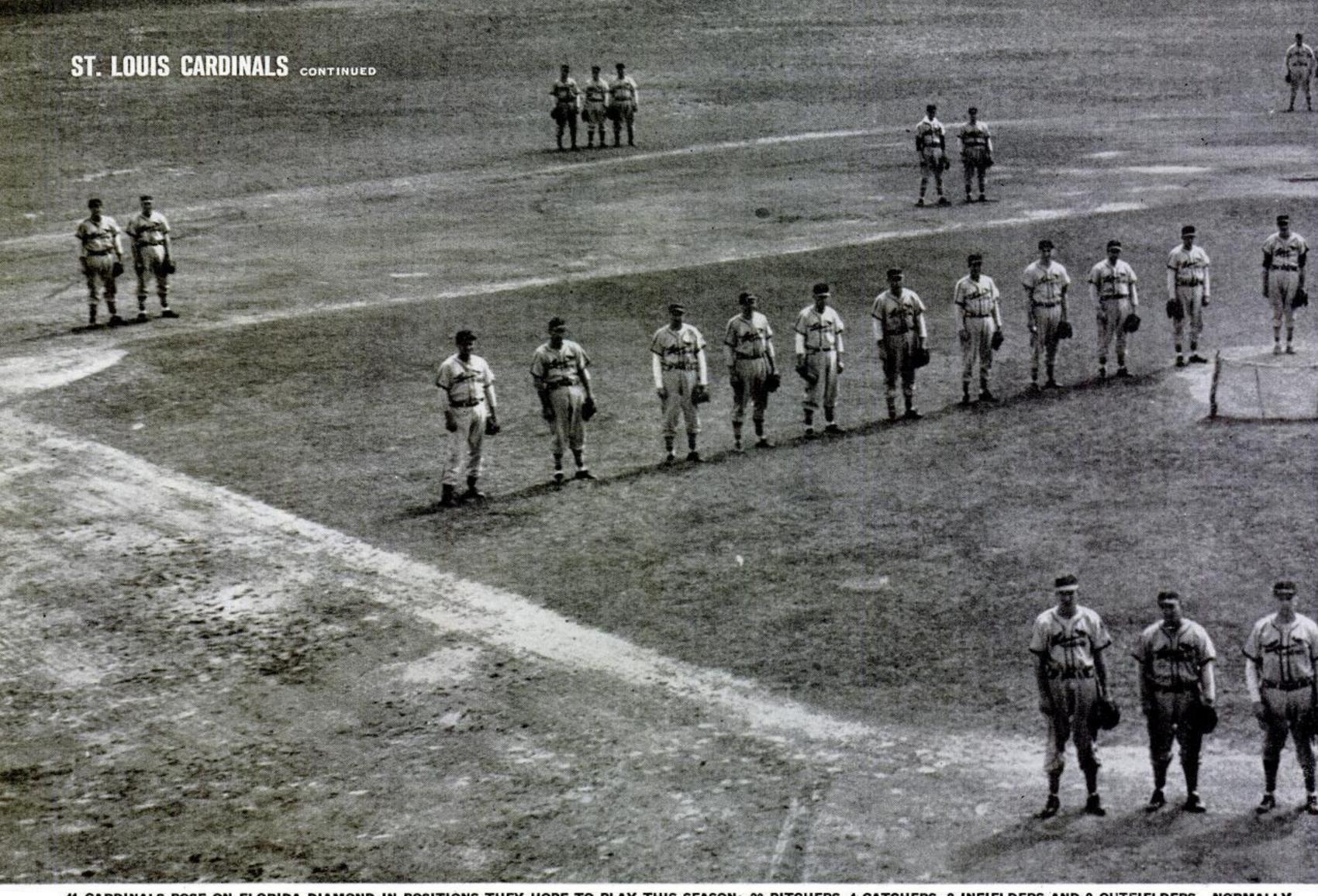
## ST. LOUIS CARDINALS SURPLUS OF CRACK PLAYERS MAKES THEM PENNANT FAVORITES

For three wartime summers, as they watched the big-league teams limp, trip and fumble their way through the seasons, baseball lovers held their heads and dreamed of flashy, expert games they used to see before the war. With more than 4,000 young professional players away in the services, baseball had become a sad parody of the great national game. This year, as rookies with real glitter and veterans with real reputations flood into

the training camps, the fans are perking up. Bigtime baseball is back again.

Last week the bats were clicking busily in the warm sunshine of Florida, California and Cuba. The Detroit Tigers, last year's Series winners, were revamping their whole championship team, leaving only the great Hank Greenberg in the starting lineup. The Chicago Cubs were standing pat with the team which last year won the Nation-

al League pennant. But the center of interest of fans and team owners alike was the training camp of the St. Louis Cardinals in St. Petersburg, Fla. With their returned servicemen and ace holdovers from last season's second-place team, the Cardinals were bursting at the seams with red-hot talent. The hard-driving new manager, Eddie Dyer, was building on this framework a team which is already being picked to win this season's pennant.



41 CARDINALS POSE ON FLORIDA DIAMOND IN POSITIONS THEY HOPE TO PLAY THIS SEASON: 20 PITCHERS, 4 CATCHERS, 8 INFIELDERS AND 9 OUTFIELDERS. NORMALLY

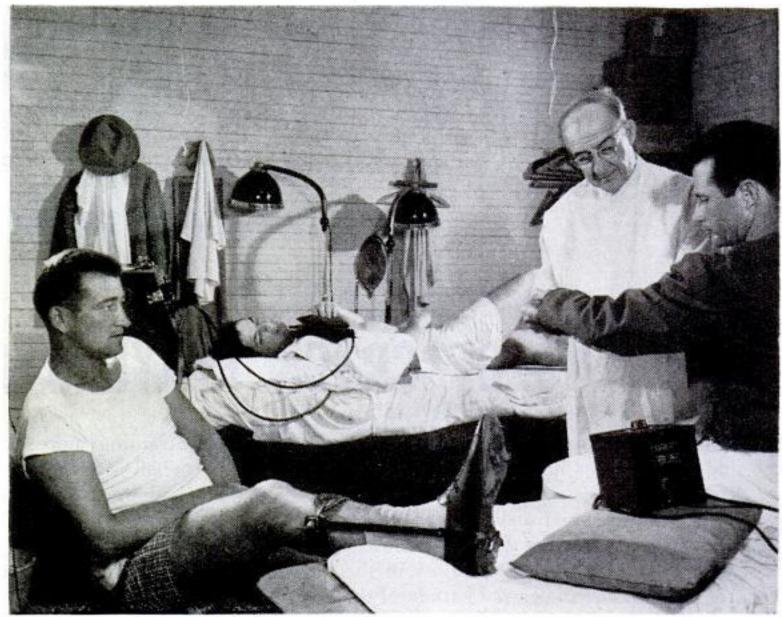
#### BASEBALL RULES WILL LOOSEN CARDINAL HOLD ON GOOD PLAYERS

The Cardinals have 51 players on their squad. Back from the war are Pitcher John Beazley and the famous outfield unit, Terry Moore, Enos Slaughter and Stanley Musial. Dick Sisler and Fred Martin have come up from prewar minor leagues. The top holdovers include "Mr. Shortstop" Marion and Pitcher Red Barrett (see cover). The squad should

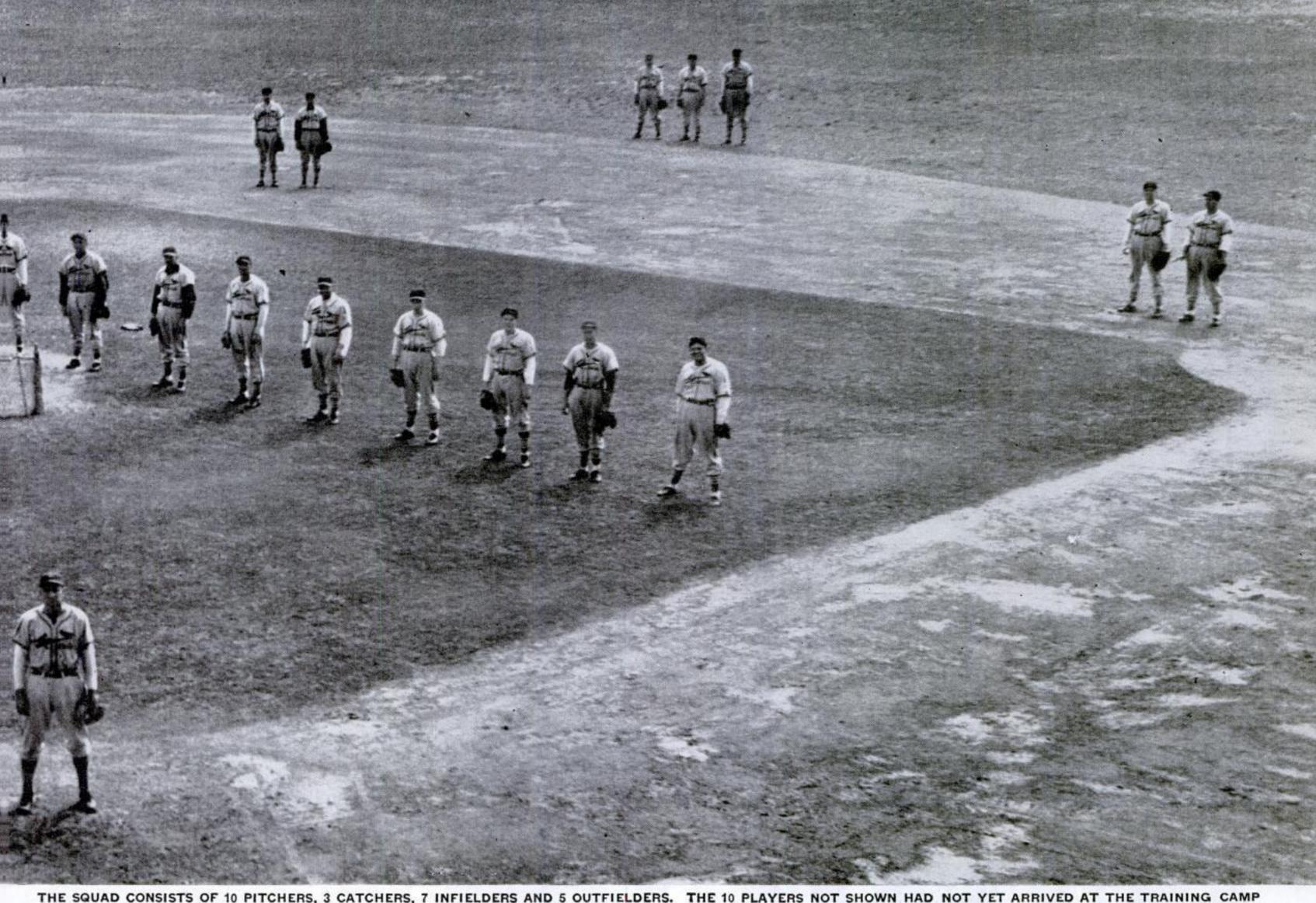
be an owner's dream. But no major-league squad may have more than 30 players after June 15. And by a special baseball rule, no ex-serviceman may be sent back to a farm squad before every team in the league has had a chance to buy him for \$7,500. The Cardinals, therefore, must cut 21 players from their large squad. They would like to send their rookies to farm teams for another year, but most of them would be quickly bought at such a bargain price. Though it breaks his heart, tight-fisted Owner Sam Breadon will have to lose some good players. Whatever happens, league competition will be leveled off and many Cardinals on these pages will be playing on other teams against the Cardinals this summer.



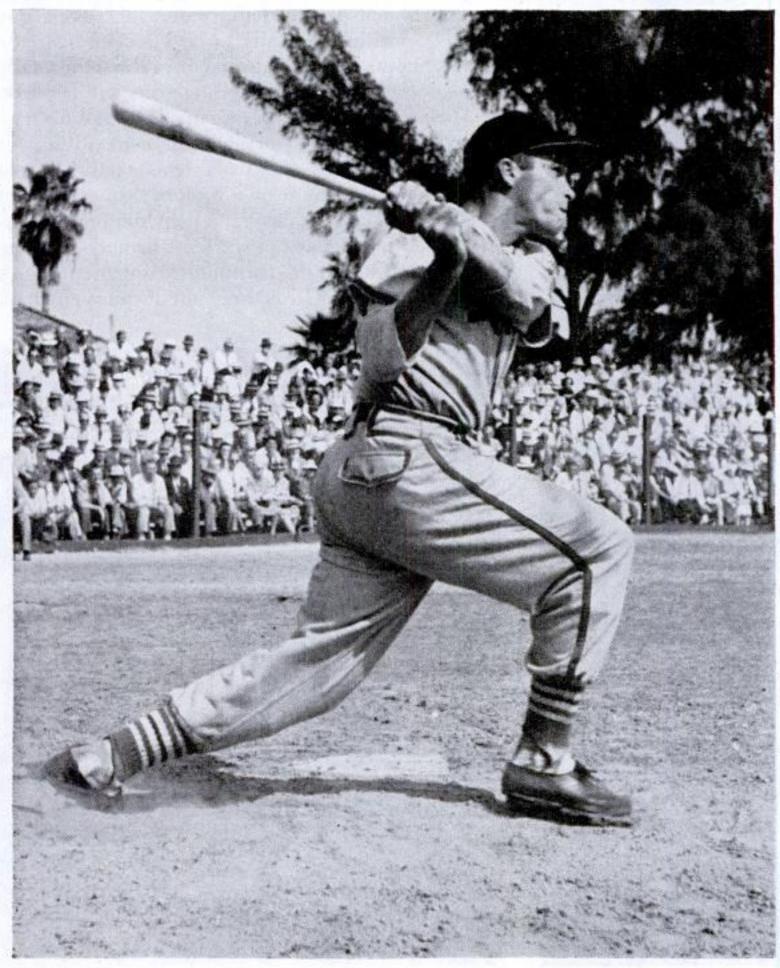
NEW MANAGER DYER kneels among players whom he helped develop in farm teams. This is his 23rd year with Cardinal system, as minor-league manager, scout, player.



WAR VETERANS take treatment. Pitcher Grodzicki (left) was wounded in Germany. Pitcher Kleine (background) and Outfielder Endicott (right) were hurt in Army training.



THE SQUAD CONSISTS OF 10 PITCHERS, 3 CATCHERS, 7 INFIELDERS AND 5 OUTFIELDERS. THE 10 PLAYERS NOT SHOWN HAD NOT YET ARRIVED AT THE TRAINING CAMP



DICK SISLER, first baseman and son of great First Baseman George Sisler, raps out long hit in a practice game. His playing caused great excitement in Cuba this winter.



RED SCHOENDIENST rounds second. He is now working out at third base. Last year he played in the outfield, batted .278 and led the National League in base stealing.



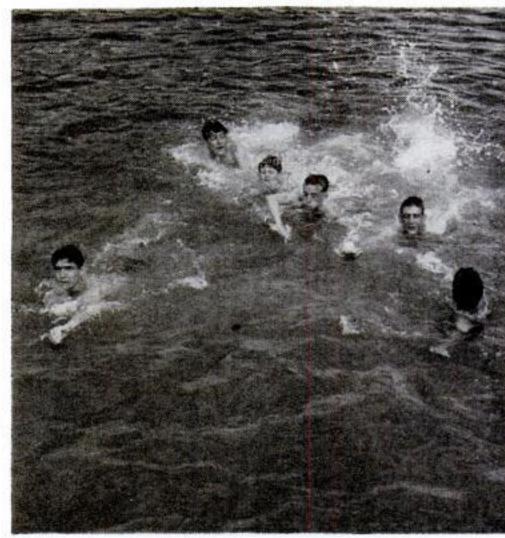
WATERFRONT PARK is crowded for the Cardinals' first exhibition game with Yankees. The Yankees, who

went to Panama in February to start their training, won game 5-0. Here, Cardinal Right Fielder Slaughter bunts.



BASEBALL SCOUTS watch closely as players perform, carefully eying Cardinals who may go on the mar-

ket. The five men in foreground represent the Phillies, Boston Braves, Chicago White Sox and New York Giants.

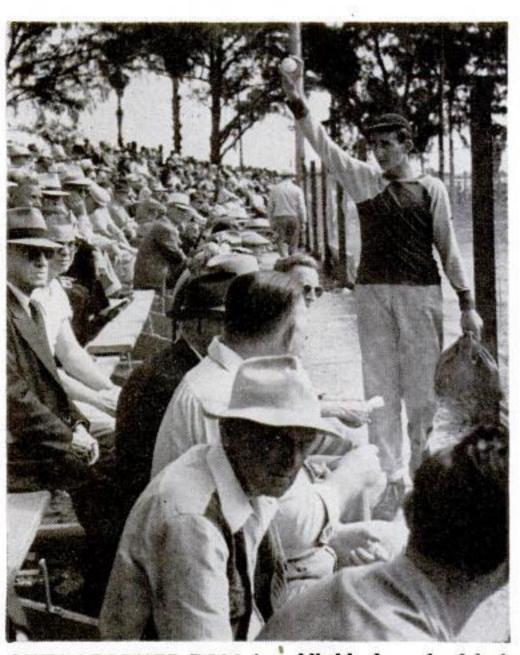


BOYS RECOVER BASEBALL KNOCKED INTO TAMPA BAY

## FLORIDA WELCOMES BASEBALL'S RETURN

Florida was glad to have baseball back again after three years of wartime travel restrictions which prevented southern training trips. Even the flocks of fat sea gulls that had waddled unmolested in Waterfront Park's left field for the last three years seemed infected with the excitement. Early every afternoon large crowds of people from St. Petersburg walked over to watch the Cardinals' free practice games and cheer as enthusiastically as any World Series crowd. Groups of boys stripped to shorts and patrolled the waters of Tampa Bay (above), waiting for balls to be knocked over the fence. Scouts and newsmen jammed the stands, talking sales and waivers, watching arms and legwork.

Spring training was no carnival for the players. They worked hard, worried over competition for jobs. Despite the Cardinals' good outlook, old "Doc" Weaver, the team's veteran trainer, did not neglect to get other players to help him practice his hex, the "triple-double-inverted whammy" (see opposite page) which has confounded opponents since 1942 and won the Cards three out of four pennants.



AUTOGRAPHED BALL is peddled by boy who fished it out of water (top of page), got the players to sign it.





HOMER FERGUSON, Michigan's junior Republican senator, has been the spark plug of the Pearl Harbor investigation. He is shown here standing before one of the

general working maps used by congressional committee. The dotted polygon encloses Hawaiian archipelago. The broad lines indicate shipping lanes. The clocks are wrong.

## The Man Who Pushed Pearl Harbor

Senator Homer Ferguson thinks the recent inquiry proves the need for a new intelligence service and a candidly open foreign policy

#### by JOHN CHAMBERLAIN

▲PRIL 9, 1945 promised to be a dull day in the U. S. Senate. The calendar of business revealing nothing that seemed of much import, Senator Homer Ferguson of Michigan ducked out of his office and went across to the Supreme Court Building, where he had a date to stand as sponsor for a couple of Michigan lawyers who were seeking admittance to practice before the Supreme Court bar. Meanwhile, in a perfunctory and unanimous mood, the Senate proceeded to pass a routine Military Affairs Committee bill making it a penal offense for anyone connected with the government to divulge a code or cryptographic secret of the U.S. To each and every senator on the floor the bill seemed an obviously commonsensible security measure. But when Homer Ferguson returned to the Senate from the Supreme Court he was horrified. Pointing to a clause in the bill which made it a crime for a government man to mention "any information which has been or purports to have been derived from cryptanalysis of messages transmitted by the U.S. or any foreign government," he informed some of his more lethargic colleagues that if the bill were not called back for amendment it would effectively keep Congress from ever investigating Pearl Harbor. Two days later Senator Ferguson moved to have the bill recalled, and in June "any regularly constituted committee of the Senate or House" was exempted from its provisions. Thus, by Homer Ferguson's watchfulness, the joint congressional Pearl Harbor investigation, which began last November and ended its open hearings on Feb. 20, 1946, was made possible.

Whether the investigation was profitable is a question which Democrats may answer one way

and Republicans another when they get around to issuing majority and minority reports next June. But from the Republican standpoint it was Homer Ferguson who made the investigation profitable as well as possible. From inside sources the Republicans knew that President Roosevelt was absolutely certain on the night of Dec. 6, 1941 that the Japanese were about to attack us somewhere in the Pacific, presumably the following day. And since Roosevelt was the active commander in chief, it was obviously his responsibility, as well as that of General Marshall and Admiral Stark, to see to it that our cover against impending war was as tight as human wakefulness and foresight could make it. The problem of the four Republican members of the Pearl Harbor committee, however, was to

get an eyewitness on the stand to testify to Roosevelt's actions on Dec. 6.

Every previous Pearl Harbor inquiry—the Knox checkup, the Roberts inquiry, the official Army and Navy investigations, the subsequent Stimson-Forrestal checkups on the Army and Navy witnesses—had flinched from opening the doors to the White House. Indeed, Major Henry Clausen, the man whom Secretary of War Stimson sent around the world to jog-or "refresh" -the memories of innumerable witnesses who had already spoken their pieces under oath before the Army board, had express warning to keep away from the President's study at 1600 Pennsylvania Ave. And from the very beginnings of the congressional hearings in November 1945 it looked as though the seventh investigation of Pearl Harbor would repeat the pattern of the previous six. The committee's successive counsels-former Attorney General William Mitchell, Seth Richardson-showed no particular zeal about pushing the investigation into new channels, and the Democratic majority on the committee—Senators Barkley, George and Lucas, Representatives Murphy, Cooper and Clark—fought ably and indefatigably to keep the name of Roosevelt out of the proceedings. Witness after witness was pumped by the Republicans to no avail and in February, when the investigation was staggering toward a shopworn close under the burden of millions of words and some 60 volumes of testimony, three of the four minority members-Senator Brewster of Maine, Representatives Keefe and Gearhart—were just about ready to give up.

Not so Homer Ferguson, who had learned as a Detroit lawyer and judge that many a legal case has been won or lost in the last five minutes. In early December of 1945 Ferguson had begun pounding away at the notion of bringing in some subalterns-even a few yeomen and sergeants, young fellows who had not had time to absorb the official service idea that one must never point the finger of blame at a superior officer-to testify to the events of Dec. 6 and 7, 1941. A young naval commander named Schulz, who had been on temporary duty at the White House the night of Dec. 6, seemed promising. But Commander Schulz, who had been ignored in all previous investigations of Pearl Harbor, was in the Pacific on board his ship, the Indiana. Finally, on Feb. 12, Ferguson succeeded in getting Schulz called as a witness. Into San Francisco Bay the Indiana steamed and into a transcontinental plane Schulz jumped. He arrived in Washington the morning of Feb. 15. Just to make sure there were no preliminary instructions issued to Schulz, no didos about "refreshing his memory," Ferguson insisted on accompanying Schulz during a recess-hour conversation with the Navy liaison man attached to the Pearl Harbor committee. And when Schulz took the stand that afternoon, he came clean with a complete story of his Dec. 6 role without any prodding from the investigators.

The moment was the dramatic high point of the three-month investigation. As Schulz told the committee about taking our "magic" decode of the Japanese notice of ruptured diplomatic relations to Roosevelt and Harry Hopkins at 9:30 on the evening of the 6th, the crowd in the great caucus room of the Senate was absolutely silent. And when the young naval officer quoted the President as saying, "This

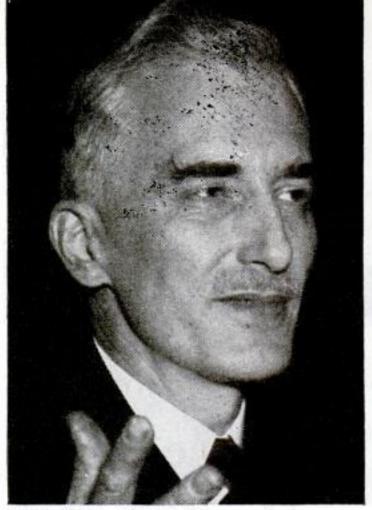
means war," some 15 hours before the Japanese bombs began falling on Pearl Harbor, Ferguson knew that doggedness had paid off, even as it had paid off in many of his wartime sleuthing trips for the Truman committee or in his one-man grand jury investigation into municipal graft in Detroit, an investigation that ended after three years of heavy bird-dog work with a mayor and a chief of police going to jail.

The curious thing about Homer Ferguson's quiet, unspectacular intransigence in pushing the Pearl Harbor investigation is that it did not spring from any "isolationist's" desire to prove that Roosevelt "put us into war." For the fact is that Homer Ferguson is an internationalist, a onetime head of the Detroit Foreign Policy Association who still holds honorary title to his old position.



**PEARL HARBOR INQUIRY** kept five senators, five representatives busy three months hearing testimony. Senator Ferguson's white mane is visible at far right of table (arrow).





CAPTAIN KRAMER puzzled spectators by changes in testimony about the Japs' mysterious "winds" code message which was supposed tip-off of war to come.



through five days of testimony that the winds message had given 72 hours' warning of Jap attack.

#### FERGUSON CONTINUED

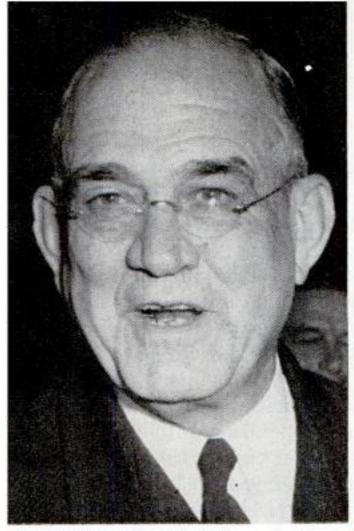
Ferguson believes we had a duty to oppose the spread of fascism, he believes that we must play our part in the world, and there are people in the Republican Party who credit him with an important role in the international education of the senior senator from Michigan, Arthur Vandenberg. But in 1941 there was a difference, so Homer Ferguson thought, between "playing our part in the world" and so bungling our diplomacy as to implicate ourselves in a two-front war for which we were not ready and whose opening was signaled by the loss of our Pacific battle fleet. The Pearl Harbor investigation seemed made to order for anyone who wanted answers to certain questions, which Ferguson posed in his mind as 1) What should we do about the future organization of intelligence for the U.S.? 2) What should be done about unification of the services? and 3) How can the American people be made to understand that they themselves must make their foreign policy and provide that it be carried out with a minimum of secrecy?

The Pearl Harbor investigation has been severely criticized and, subject to certain honorable exceptions, it probably received some of the most unperceptive reporting ever to appear in U.S. newspapers. Where the criticism—or the reportorial boredom—did not proceed from partisan motives, it generally stemmed from the easygoing theory that, hell, we won the war anyway and what was the use of crying over spilled milk? But as Senator Ferguson says, "All of history is spilled milk. If you don't study what caused the spilling, you won't be able to prevent it in the future." And the question to be answered, as Ferguson put it, was "not were we

right, but how did we get caught?"

We got caught, for one reason, because of a total inability in Washington to evaluate the intelligence we had in our hands as early as Oct. 10, 1941, when our "magic" decryption of an intercepted code message indicated that the Japanese were making a particularly detailed bombing map of Pearl Harbor berths and moorings. Both the Army and the Navy have many excuses for our failure in 1941 to judge the import of the vast Japanese code traffic which continued to fall into our hands through our knowledge of enemy codes and ciphers, but it is Senator Ferguson's contention that if we had had an organization in Washington charged with putting together bits and pieces of the puzzle into a complete picture we would have known the attack was coming, and coming precisely at Pearl Harbor.

Item one: We had warning at the very beginning of December, when the Japanese started burning papers and destroying code machines in their consulates in Dutch, British and American territory, that war against Britain, the U.S. and the Netherlands Indies was only a matter of days. Item two: We had men in our Navy-Captain Zacharias for one, Admiral Richardson for another—who had made a profession of studying Japanese surprise attacks in previous wars, notably the attack on the Russian fleet at Port Arthur which signaled the beginning of the Russo-Japanese War. Item three: It is a cardinal teaching at any and all advanced military schools that a surprise must undermine or demolish a point of strength if it is to be of any value to the attacker. In 1941 our only strength in the Pacific was at Pearl Harbor and, negatively, at the Panama Canal. If the Japanese were to carry out their historical policy of the sudden surprise blow, it should have been obvious that they would not waste it on unfortified Guam or the relatively defenseless Philippines, thus leaving our fleet on their flank as they moved south. If these salient items had been put together with the



ADMIRAL RICHARDSON said he lost his command because he had "hurt Roosevelt's feelings" by disagreeing on disposition of fleet.



ADMIRAL INGERSOLL belittled the importance of winds message since other more important intelligence had been intercepted and sent to fleet commanders.

information that the Japanese had made a bombing map of Pearl Harbor, something might have clicked in the mind of Franklin D. Roosevelt when he received the intercept on Dec. 6 indicating immediate war. And something might have clicked in the minds of Admiral Stark and General Marshall if or when the President spoke to them about the intercept later in the evening.

The fact that nothing clicked in anyone's mind, however, is part of the spilled milk of history. Simply because there was no one in Washington charged with the authority to collate the various items that go to make up a total picture of an enemy's capabilities and intentions and to transmit the results of the collation to our forward posts in the field (Admiral Kimmel, for example, never received the gist of the decoded Japanese diplomatic messages), no proper use could be made of what we knew in December 1941. Hence the answer to the first question posed in Senator Ferguson's mind by the Pearl Harbor inquiry is this: A central intelligence agency charged with the authority to coordinate and evaluate information of all sorts, including "magic" decryption of foreign codes, should be set up and provided with a proper budget by Congress. During the war "Wild Bill" Donovan's hastily improvised OSS tried to do a good intelligence evaluation job but, since OSS was never privy to the code intercepts of our Army and Navy, it could not carry out all of its functions. This must obviously be remedied in the future.

#### The military did not know

Theoretically, if the Navy's ONI (Office of Naval Intelligence) and the Army's G2 had been sufficiently alert in 1941 we could have got by without a central intelligence agency. But neither ONI nor G2 was in a position to assess the meaning of our diplomacy, for the secretiveness of Roosevelt and his State Department frequently left Army and Navy men quite in the dark. Our future central intelligence agency should, therefore, be privy to State Department decisions and records of crucial diplomatic interchanges, for these, too, have a distinct bearing on the intentions and capabilities of the presumed enemy.

On the second question posed in Senator Ferguson's mind by the Pearl Harbor inquiry, the question of unification of the services, there is room for argument, depending on such factors as what is to be done about the unified organization of our intelligence. Certainly there was poor liaison between Army and Navy at l'earl Harbor: the Navy got some information that was withheld from the Army and the Army did not know what the Navy was doing about air reconnaissance over the Hawaiian waters. Theoretically, if our intelligence had been unified and distributed to the field with impartiality, the Pearl Harbor liaison would have been better than it was. But the question of planning remains: unification of intelligence will not necessarily mean an integrated military policy nor integrated planning of defense and probable future campaigns. Senator Ferguson's work on the Truman committee convinced him long ago that much waste and duplication could be eliminated if the services were to be unified under one command. The record of the Pearl Harbor inquiry has done nothing to destroy this conviction in his mind, although he concedes that there is a lot of solid thinking still to be done about the proper means of effecting a merger without destroying the values of competitive initiative.

As for the third question involved in the Pearl Harbor inquiry, the question of foreign policy and diplomacy, no clear light emerges from the 67 volumes of testimony and the various related exhibits.

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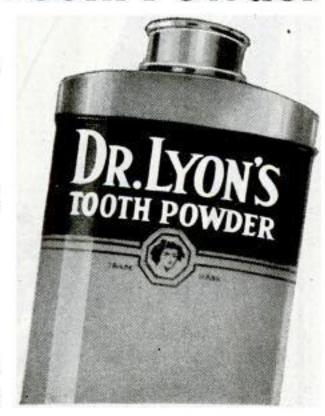


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Your very first taste of Dr. Lyon's will reveal a dentifrice with a refreshing, invigorating flavor that really lasts. Then, you can actually feel with your own fingertips how thoroughly Dr. Lyon's cleans your teeth. And finally, you can see in your own mirror how beautifully clean your teeth are, thanks to Dr. Lyon's. For Dr. Lyon's polishes as it cleans. Try it now.



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A king-size barrel of monkeys—the funniest, daffiest, most hilarious Technicolor musical in captivity! Hold on to your hats! Hold on to your sides! It's that lovable, laughable Danny Kaye, in "THE KID FROM BROOKLYN!"

ou'll have the laughs for weeks when you see Danny Kaye as the bewildered milkman who blunders his way to fame! And you'll find his route liberally scattered with the comedy of Eve Arden, Lionel Stander, Walter Abel, and Fay Bainter.

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For color, romance, beautiful girls, lilting melodies, see Samuel Goldwyn's "The Kid From Brooklyn". It's terrific!





#### FERGUSON CONTINUED

True, there is enough in the record to show that our pre-Pearl Harbor diplomatic maneuverings vis-à-vis Japan present a picture of secretiveness, shortsightedness and stupidity. The Democratic members of the Pearl Harbor committee, however, kept insisting, through the persons of Senator Lucas of Illinois and Representative Murphy of Pennsylvania, that the investigation had no business monkeying with the subject of war origins as distinct from the origins of the Pearl Harbor disaster. Superficially, a case could be made for this view, and William Mitchell, who functioned as committee counsel from November to January, accepted the Lucas-Murphy argument at face value. As Mitchell conceived the scope of the investigation, he thought he could spend a month examining admirals and generals on the subject of how eight great battleships got blasted at Pearl Harbor and then go home for Christmas.

To this attitude Ferguson reacted sharply. The Pearl Harbor disaster, he argued, came as the end product of a state of mind in high places, and the state of mind was largely conditioned by the way in which we had been formulating our foreign policy and conducting our foreign relations. Anyway, to think that an investigatory body should arbitrarily hobble itself in advance seemed to Ferguson outrageous, and his relations with Mitchell were therefore strained from the start. From a lifetime of experience in the courts and in conducting investigations Ferguson knew that all alleys must be explored and that most important leads are developed by just rooting around. Ferguson has two saws which he will quote at the drop of a hat, the first being the couplet about "Oh, what a tangled web we weave, When first we practise to deceive!" and the second being a bit of advice from his father: "Even a blind hog will find an occasional acorn if he just gets under an oak tree and keeps his nose down." The Pearl Harbor mess seemed to offer Ferguson a good oak tree, and he proposed to find whatever acorns it might have dropped.

#### The "phony hick"

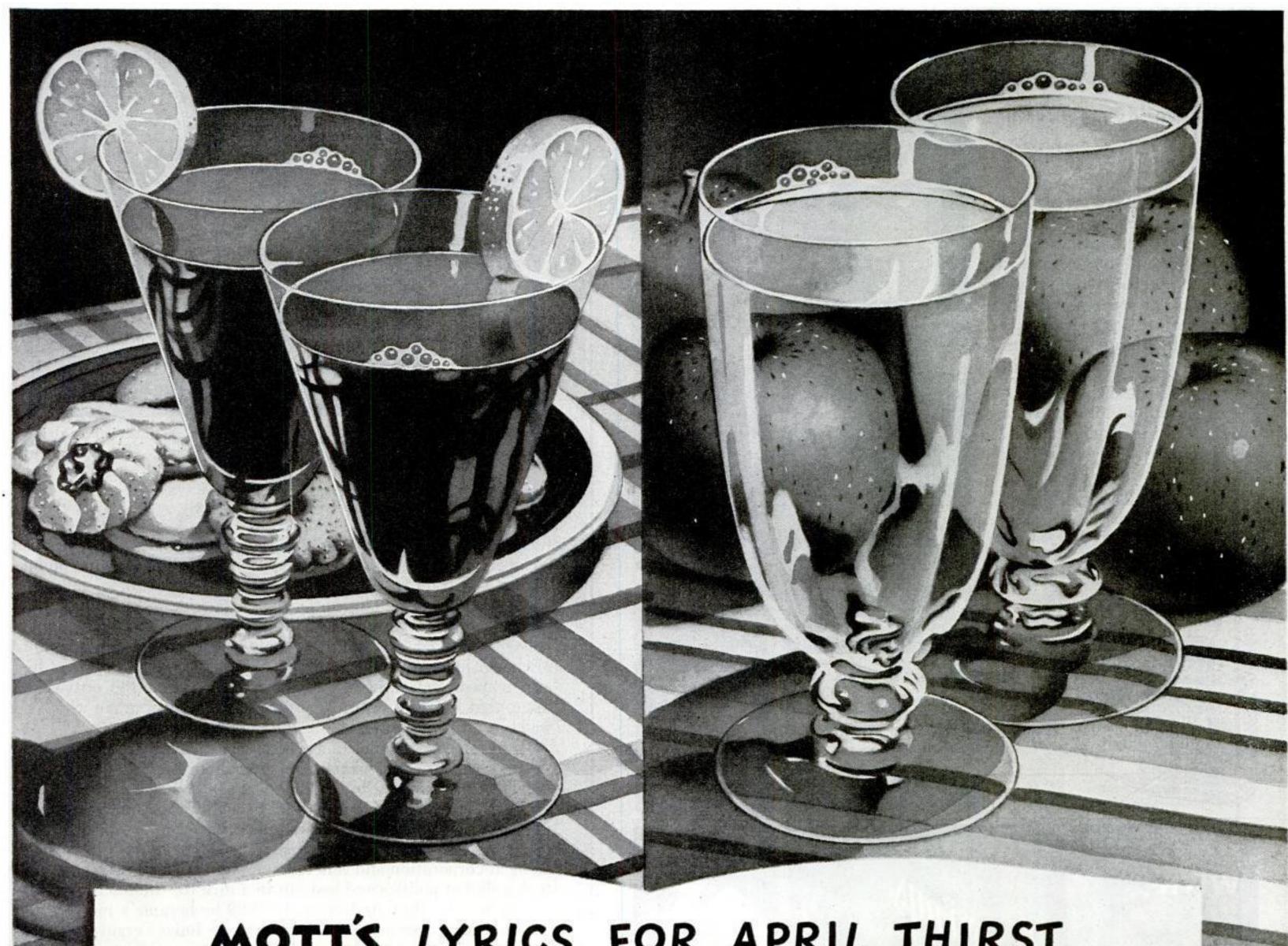
As a matter of fact, all of Homer Ferguson's life had been a preparation for rooting under just such an oak as the Pearl Harbor case presented, and to expect him to take frustration lying down involved a serious misconception of his character. At first blush Homer Ferguson betrays no bloodhound qualities. His wavy white hair, his nearsighted blue eyes and his hunched shoulders seem to betoken an innocent, almost bucolic fellow. His sense of humor runs to a rather rustic taste for tall stories and practical jokes. Once, during an Alaska junket for the Truman committee, Homer Ferguson, who is a crack shot, came back from a hunting trip with a live one-eyed ptarmigan. He had caught the ptarmigan, he said, by sneaking up on its blind side while his dog was pointing it on the other. No one saw Homer nab the bird and the dog hasn't talked, but Homer swears the story is true. He will also swear that when he goes duck hunting he sights for the "feather nerve" in the duck's head. Once, so he says, he managed to hit the feather nerve, which caused the duck to shed all of its feathers instantaneously, thus saving Homer the bother of plucking it. If a listener expresses incredulity at this story, Homer will say, "If you don't believe it, I'll show you the gun I shot it with.'

Ferguson seldom drinks and never smokes, but he doesn't like to admit his abstemiousness. His face-saving trick is to ask a be-wildered host, "Do you have vodka? I never drink anything but vodka." When Andrew Jackson Higgins, the New Orleans industrialist, actually brought out some vodka, Homer was momentarily shaken. He got off the hook, however, by offering a taste of vodka to everyone in the room. By the time the last guest had sampled it, there was none left for Homer.

But if Homer Ferguson's ways are bucolic, he belongs to Arthur Krock's category of the "phony hick." The phony hick uses innocence as a blind, a come-on, and such is Homer Ferguson's method and talent. Underneath his benign exterior there lurks an insatiable detective, an unappeasable cross-examiner and a sternly righteous judge. If the Republicans, to quote Joe Martin, ever get the chance to open each congressional day with a prayer and close it with a probe, there are those who confidently predict that Homer Ferguson will wind up with an investigator's reputation to challenge that achieved by Hugo Black or the late Tom Walsh.

The Senate's most promising human bloodhound was born 57 years ago in Harrison City, Pa., where he was christened Samuel Homer Ferguson, and if a broken leg and a mud puddle had not come into his life he would probably have grown up to become a miner, a farmer, a professional ballplayer or at best a small-time judge. The broken leg happened when Homer Ferguson was working in a coal mine at the age of 15. It laid him up for a long period,

CONTINUED ON PAGE 90



#### MOTT'S LYRICS FOR APRIL THIRST

FROM PRUNES THAT NATURE FAVORS PRUNES SO SUPER PLUMP AND SWEET COMES YUMMY SUNSWEET PRUNE JUICE! THE WORLD'S RICHEST PRUNE JUICE TREAT!

> They're just bursting with luscious goodnessthese glorious Santa Clara Valley prunes! Ripened to perfection by the California sun-they give Sunsweet Prune Juice a richer "live" flavor. A natural sweetness - that makes it America's favorite prune juice! One of the most healthful of all fruit juices - Sunsweet is all pure prune juice. Discover this wonderful treat today!

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FOR SWEET-AND-TANGY GOODNESS LIKE YOU NEVER MET BEFORE MOTT'S APPLE JUICE IS PERFECT! LADY, YOU'LL WANT MORE AND MORE!

> If you like the tempting tang of a fresh, crisp, rosy apple-you'll love the tantalizing zing of Mott's Apple Juice! So amber-clear! So sweetand-tangy! It's the keenest, zestiest drink you ever tasted! A little scarce right now-'cause fine New York State apples are scarce! But some there is-so ask for it! Mott's Apple Juice is a flavor thrill you can't afford to miss!

MOTT'S APPLE JUICE



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Albert Spalding

John Erskine







COMMANDER SCHULZ was Ferguson's big find. Schulz testified that on Dec. 6 he heard President Roosevelt read Jap message, say, "This means war."

#### FERGUSON CONTINUED

turned his mind to books and got him thinking about pointing for a career as a teacher, a doctor or a lawyer. As for the mud puddle Homer Ferguson rode through it one day on his horse, splashing water over a very indignant girl on the sidewalk. That is how Homer Ferguson became acquainted with his wife, Myrtle Jones. If he had not met Miss Jones he would never have become a famous Michigan judge and prosecutor, for only a woman who could forgive a nasty splashing would have put up with the outlandish hours that Judge Ferguson kept during the three years in which he was busy running down crooks and grafters in Detroit.

Ferguson's first choice of a career was teaching, and he rose at a young age to become principal of schools in Larimer and Export, Pa. Then he switched to medicine, but he could not stomach the dissecting. His third choice, the law, finally took him to Detroit, where he made a good living that might have been better if he had not delegated the handling of his fees to his secretary. He slogged along at corporation and general civil practice until 1926, when he took a flier at politics and lost out in a race for the Michigan state senate by a few hundred votes. In 1929 he became a judge of the Wayne County circuit court. For ten years Judge Ferguson continued his humdrum way as an able, conscientious jurist whose hobby was court procedure. Then, just as Hitler's troopers were lining up for their march on Poland, a Detroit divorcee committed suicide after mailing letters to the FBI accusing the Detroit police department of widespread complicity in the policy and numbers racket.

#### The one-man grand jury

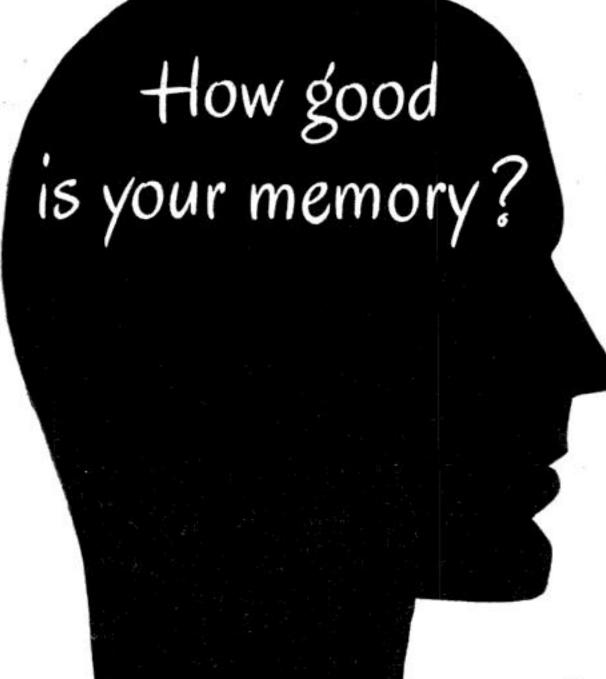
The first citizens' petition for a grand jury inquiry into the racket was referred to Judge Ferguson as a matter of routine. But the peculiar Michigan institution of the one-man grand jury, which allows a judge in certain instances virtually to be his own detective, prosecutor and magistrate, gave Ferguson a scope for bloodhounding that just suited his methods of careful, plodding, unceasing industry. After visiting Tom Dewey in Dewey's Michigan home town of Owosso for advice, he swung into action. Three years later, after examining 6,000 witnesses and listening to 20,000,000 words of testimony, Ferguson concluded his investigations. The result: jail for former Mayor Richard W. Reading of Detroit, jail for Prosecuting Attorney Duncan McCrea of Wayne County, jail for Sheriff Thomas Wilcox of Wayne County, jail for the Detroit police superintendent, jail for three councilmen, jail for innumerable policemen, auditors, ordinary citizens and John Roxborough, comanager of Heavyweight Champion Joe Louis.

If the war in Europe had not been getting the headlines, the Detroit municipal cleanup would have made Judge Ferguson known at every crossroads in the land. As it was, all it did was to pitch him upward into the U.S. Senate, where he succeeded an able Democrat, Prentiss Brown, whom he defeated in 1942 in a campaign during which he cracked his head in a train wreck.

During his three years as a one-man grand jury Ferguson learned practically all there is to know about getting the truth out of a witness without resorting to third-degree tactics. One of his theories is that acute human observation will tell you more than a lie

CONTINUED ON PAGE 92





Look at the 25 articles above for two minutes. Then take pencil and paper and write down as many as you can remember. (15 is good, 20 terrific, 25 incredible.)

Now, can you remember one other thing these assorted articles have in common? . . . Every one is made with electricity—or run by electricity—or both.

Probably you can't name any manufactured article that isn't partly the product of electricity. It is basic to all industry. It provides the power that makes America the most productive nation on earth.

Testing your memory again, do you know how much the cost of home electric service has come down through the years? You may not have noticed because you kept buying more electric appliances and using more electricity. But actually, the average American family gets twice as much electricity for its money as it did 20 years ago!

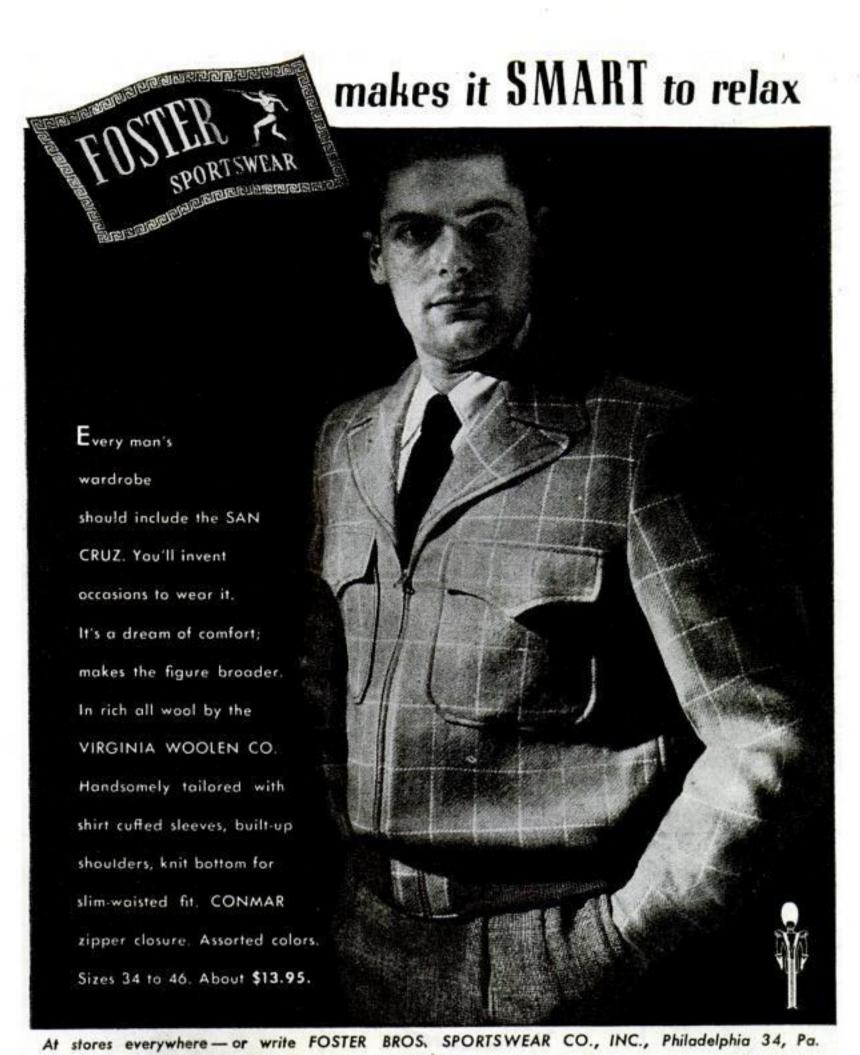
Low-priced electric service—friendly and dependable in war or peace—is made possible by the sound *business* management of America's self-supporting, tax-paying electric light and power companies.

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#### FERGUSON CONTINUED

detector. Ferguson has watched mendacious witnesses sweat until their clothes are wringing wet; he has watched others dehydrate until their skin commenced to peel. Senatorial investigations do not usually permit really tough grilling of witnesses, but in his work for the Truman committee Ferguson found plenty of opportunity for tenacity. Once, during his Truman committee travels through war factories, lumber mills and storage sites in 47 states, Ferguson caught a man asleep on the production line; another time he came upon some war workers playing checkers. In each case he had loitered behind the official Truman committee touring party. The object of an investigator, he says, should be to get away from Cook's tours and to look around for himself. After a war manpower hearing conducted by the Truman committee in Detroit, the local News called Ferguson "the human buzz saw of interrogation."

When it was a matter of operating the buzz saw during investigation of war production, Homer Ferguson received the applause of practically all his colleagues. But when the same buzz saw started to move in the Pearl Harbor hearings it was a different story. Nevertheless Ferguson proposed to ask any questions that seemed relevant, regardless of the attitude of his colleagues, the press or Committee Counsel William Mitchell. After a cursory survey of the evidence Ferguson rejected the crude theory that Roosevelt had deliberately "trapped" the Japanese into attacking us at Pearl Harbor. But it seemed reasonable enough, so Ferguson thought, to commence with the hypothesis that a secretive and two-faced method of conducting foreign policy had had its inevitable denouement in the famous "do-don't" orders to Kimmel and Short at Pearl Harbor: "do" take precautions, but "don't" alarm the populace; "do" get ready for war, but "don't" do anything that might remotely be construed as an "overt act."

#### Our "double-thinking" policy

The assumption that our pre-Pearl Harbor foreign policy was conducted on a double-thinking basis outraged the majority of Ferguson's colleagues. But the record of the testimony proves the hypothesis correct. When Roosevelt was campaigning for president in 1940, he made his famous speech in Boston promising the voters "again and again and again" that our inductees would not be sent into any foreign wars. Unlike the 1940 Democratic platform, which qualified a similar promise by adding the "escalator" phrase, "except in case of attack," the promise was unequivocal. Yet it came hardly two weeks after the President had called Admiral Richardson, commander of our Pacific fleet, to the White House to tell him that he was mulling over the motion of instituting a naval blockade of Japan—which was clearly a proposal for "foreign war."

Now, the Boston speech was the sort of thing that Willkie was later to brush aside as "campaign oratory" and no one could logically blame Roosevelt for writing it off in his own mind. As a matter of fact, Ferguson thinks it pointless to keep throwing it in Roosevelt's face, as certain isolationists insist on doing. But the point to be made in connection with Pearl Harbor is that the President must have felt constrained by the Boston speech thereafter to keep up appearances at the expense of the candor which the American people needed if they were to keep abreast of events. The attempts to keep up appearances led to endless confusion not only in the public mind but also in the mind of such a high-ranking naval dignitary as Admiral Stark, chief of naval operations, who once confessed to Admiral Kimmel that he was damned if he knew what we proposed to do in the Pacific.

In December 1940 Joseph Grew, our Ambassador to Tokyo, who was on a "Dear Frank" footing with the President, proposed a "gettough" policy with Japan. The President was busy at the time with preparations for the eloquent series of speeches that were to clear the way for Lend-Lease, but on Jan. 21, 1941 he wrote to Grew to say that the get-tough advice was absolutely correct. The advice flowered into action in the summer of 1941 when, in answer to Japan's moves into French Indo-China, we clamped down an embargo on oil to Tokyo and froze Japanese credits. When Roosevelt met with Churchill at sea in the Atlantic to discuss the Far Eastern question and to initiate the diplomatic policy henceforward to be known as "parallel action" on the part of the English, Dutch and U. S. in Asia, it began to look as though the get-tough policy were about to succeed, for the reaction of the Japanese prime minister, Prince Konoye, to the "parallel" front of the ABCD powers (America, Britain, China, the Dutch) was to seek an audience with Roosevelt somewhere in the Pacific. Informed of the Konoye offer in early September, Ambassador Grew waxed relatively jubilant. He ad-

CONTINUED ON PAGE 94



## Why be Irritated?

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Old Gold takes the long way 'round in creating a cigarette that's a treasure of extras! Here's the extra step we take in using Apple "Honey"\* for mellow freshness. Here's the artistry of blending the world's choicest tobaccos. Here's the flavor-bonus from rare, imported Latakia tobacco... for your extra pleasure. Even the pure-white cleanliness of the cigarette paper contributes to your extra enjoyment... for it's made from virgin pure flax. Try Old Golds—they're your kind of smoke!

LISTEN TO
FRANK SINATRA
Wednesday Evenings CBS
and
MEET ME AT PARKY'S
Sunday Evenings NBC

Made from the juice of fresh apples, a special moisture-guarding agent we call Apple "Honey" helps keep Old Golds free from cigarette dryness.



#### FERGUSON CONTINUED

vised Roosevelt to accept the offer, even without waiting for a

preliminary preparation of the ground.

For reasons that are still somewhat nebulous Roosevelt turned thumbs down on the idea of talking things over with Prince Konoye. Meanwhile the British had swung into action with some tough speeches: on Sept. 3 Jan Smuts told a South African audience that the U.S. was preparing to enter the war, and on Sept. 9 Churchill reported to Parliament on the happy issue of the Atlantic Conference. On Sept. 27 Secretary of the Navy Knox warned that war was coming; on Oct. 1 he followed this up by saying the Navy was ready. The upshot of all this was the fall of the Konoye government on Oct. 16—and from that point on war in the Pacific was probably inevitable.

So far as the Far East was concerned our decision to force a showdown with Japan may have been the only honorable course to follow if we were to back our implied promise to Chiang Kaishek. But as events were moving toward the crisis stage in the Orient, Roosevelt suddenly found himself in the middle of an undeclared war in the Atlantic. In order to get Lend-Lease material to England, our Navy had actively joined the British in convoying duties. One thing led to another and incidents occurred. Twice during the course of the Pearl Harbor hearings Navy witnesses admitted the undeclared war; Admiral Ingersoll, for example, jocularly dismissed it as war, yes, but an "illegal war." When reporters dug back into the news files for 1941 they discovered that Roosevelt had said on Oct. 27 of that year that the shooting had already started. Maybe it was the part of wisdom to shoot, but the fact of the matter is that Congress, which has the legal duty to declare war, had never authorized it.

#### Caught between oceans

Right or wrong, the fact of war in the Atlantic left the Administration in a quandary: here it had failed to maneuver for time in the Pacific, which it might have done without withdrawing our aid to China, yet a good part of the Pacific fleet had been transferred to the Atlantic to do Lend-Lease convoying duty. Too late the Administration started to temporize in the Far East: Morgenthau presented a compromise plan for peace with Japan, Roosevelt began to think about making an appeal to Hirohito and, after the Japanese note of Nov. 20, Secretary of State Cordell Hull, British Ambassador Lord Halifax, Dutch Minister Alexander Loudon, Australian Minister Richard G. Casey and Chinese Ambassador Hu Shih got busy on a modus vivendi for a three-month truce with Japan. The modus vivendi was admittedly a forlorn hope, for Tojo in Tokyo had apparently already made up his mind for war. However, all chances for its success went glimmering when a note from Owen Lattimore, who had been sent to China by the U.S. to advise Chiang Kai-shek, reached Lauchlin Currie in the State Department. The Lattimore note told of Chiang's "very strong reaction" to the proposed modus vivendi. Other Chiang protests reached Winston Churchill in London and T. V. Soong and Hu Shih in Washington; and when Churchill began to wobble on the modus vivendi Hull rather reluctantly withdrew it. Apparently no attempt was made to explain the exigencies of the undeclared Atlantic war to Chiang.

The substitute for the modus vivendi was the strong Hull note of Nov. 26. A last-minute effort to halt the drift toward war was made by several people even after this date; one of the crisis go-betweens, a missionary named E. Stanley Jones, took a message from the Japanese embassy to Roosevelt suggesting a quick appeal to Hirohito. The President, who had been dallying with the idea for some time, decided to go ahead with it, but when he finally got around to it the psychological moment had passed; as Hull had gloomily predicted, the appeal proved to be valueless except "for

the record."

So war on two fronts came. Homer Ferguson, who worked overtime to get the diplomatic story into the Pearl Harbor record in spite of Democratic opposition, tried to discover the extent of our commitments to the British and the Dutch in the Pacific. Had Roosevelt promised to join actively in a Pacific war on the side of the Dutch and the British if the Japanese chose to limit their attack to Malaya and the Netherlands Indies? Although Churchill spoke on Jan. 27, 1942 as having his decision "fortified" at the Atlantic Conference with Roosevelt, Ferguson could unearth no absolutely positive clue to a U. S. military commitment. Nor does Stimson's recent revelation, that the Roosevelt war cabinet seriously considered an ultimatum to the Japanese if they persisted in moving against British Malaya, prove a prior arrangement with Britain. However, there remains the message sent by Admiral

CONTINUED ON PAGE 97



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...my treasure
of treasures
...mused croesus

CONCEIVED AND PAINTED BY ARTHUR SZYK



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## The Aristocrat of Bonds



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#### FERGUSON CONTINUED

Hart to Washington just before the outbreak of Pacific war: "Learn from Singapore we have assured Britain armed support under three or four eventualities. Have received no corresponding instructions from Washington." The Hart message was based on a British War Department communication from London to Brooke Popham in Malaya: "We have now received assurance of American armed support in cases as follows...." The cases enumerated included attacks on Thailand and the Netherlands and British Indies without reference to simultaneous attack on U.S. territory.

When General Marshall was on the stand, he told the Pearl Harbor investigators that Japan, in his opinion, was on the prowl in 1941, ready to snap up any unprotected territory, but the Japanese were hesitant about a full-scale war against the West before Germany had managed to put the Russians out of business as a threat to Tokyo's back door. When the Japanese attacked on Dec. 7 they evidently believed Hitler was winning in front of Moscow. On Dec. 8, however, the Germans called off the Moscow campaign and started to dig in for the gruesome Russian winter. Senator Ferguson does not think anyone can be blamed for inability to guess the future and "ifs" are always tricky things to deal with. But if Roosevelt had only met with Konoye or if Hull had managed to stall things for a few days with negotiations for a modus vivendi, there is the possibility that the Japanese might have reviewed their decision to strike at Pearl Harbor in the light of the German failure in Russia. In which case we would have had only the undeclared Atlantic war on our hands. Even if the Japanese attack had merely been put off for three or four months, vital time would have been saved.

The diplomatic story may not explain the purely military story of the Pearl Harbor tragedy. But to Ferguson it explains the mood of passiveness and indecision that assailed everybody in December 1941, when the intercepted code messages had already warned us of the Japanese decision to attack. The trancelike atmosphere in White House and State Department had its reflex in the ineptitude of Army and Navy; the sleepwalkers, knowing the war was coming, could only wait for the dream stillness to be shattered by the crash of the Japanese bombs and the roar of the Japanese guns.

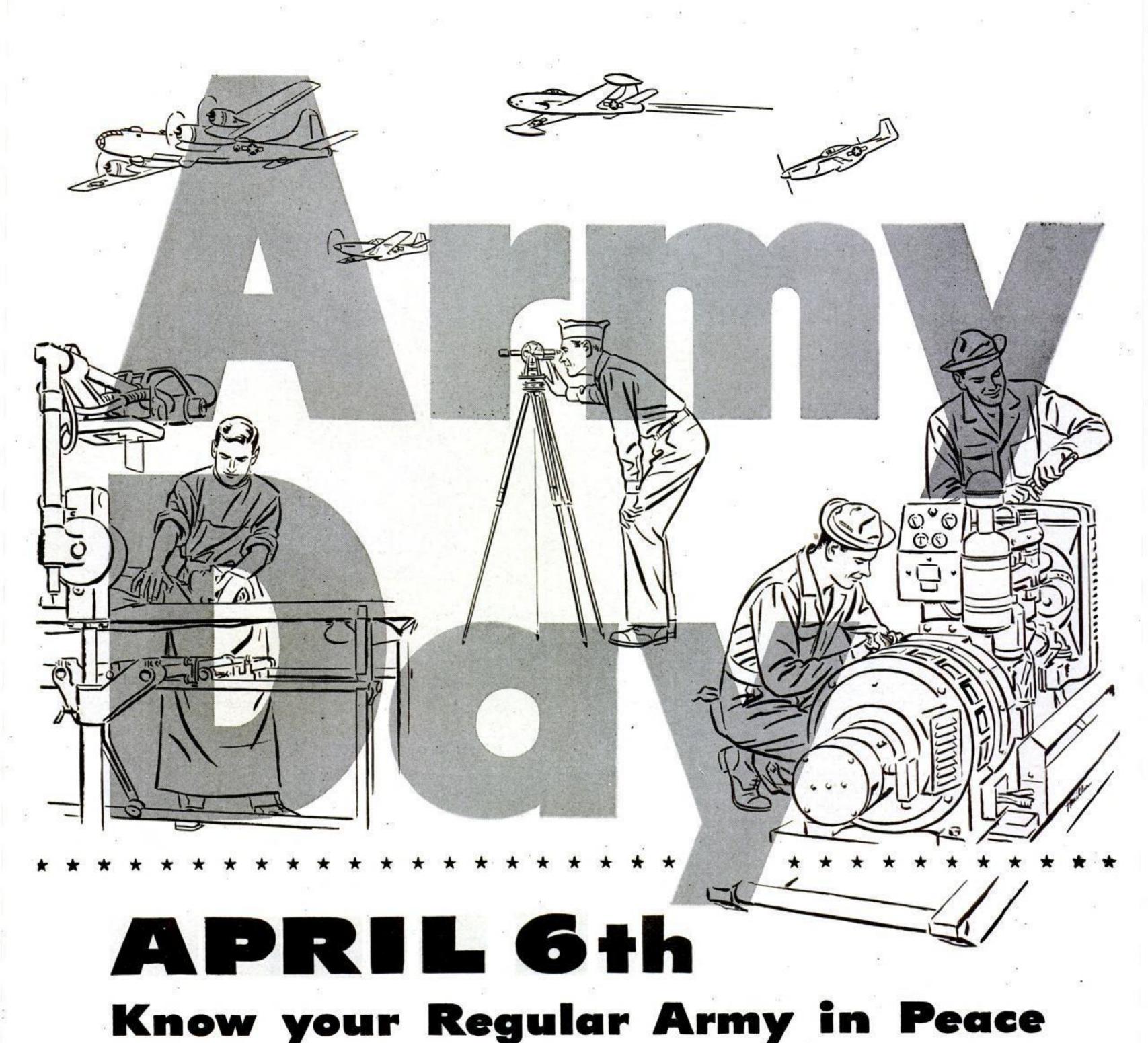
No doubt the Republicans on the Pearl Harbor committee will be under strong temptation to put a major share of the blame for the tragedy on the White House. But there is this to be said for Roosevelt: his waiting posture on Dec. 6 was a perhaps inevitable concomitant of the state of mind of a people. A prisoner as well as a creator of his times, he was all too well aware that after wars have been fought the Nye committees spring into action. In effect, Roosevelt was a captive of the U.S. '20s and '30s, all of whose isolationism he saw and part of which he was. Perhaps it would be the mark of wisdom to refrain from handing out too much blame in connection with the Pearl Harbor debacle. At this date there is no need to hang anyone, even in effigy. But the record of the Pearl Harbor background must be kept straight if we are to learn anything of value to the future. A major point made by Ferguson is that the most important lesson to be learned from the Pearl Harbor record is that foreign policy must be conducted in full view of the U.S. people, with adequate provision being made for their ultimate approval. As the senator insists, even the right foreign policy will fail if it remains the secret policy of a sect.



MRS. FERGUSON is the former Myrtle Jones of Irwin, Pa. They met when morse he was riding splattered mud on her dress. They have one daughter.







Victory has stilled the guns of war and stopped the terrible carnage of combat. But it has not ended the task to which this nation has dedicated itself since December 7, 1941.

On the armies which conquered the aggressors now falls the solemn obligation of securing their hard-won triumph . . . of bringing order out of the chaos of war-torn countries . . . of carrying out the commitments entered into by our Government.

More than half a million young men from every corner of the United States already have joined the new peacetime Regular Army to see this job through, and to take advantage of the new enlistment privileges which make the Army one of the most attractive careers open to them today.

On April 6, Army Day, you will have an opportunity to meet your new Army face to face at public exhibits and demonstrations throughout the United States. By visiting these displays, you will, perhaps for the first time, appreciate the full scope of the Army's activities, and the enormous contributions they make to every-day civilian life.

The Army's research and exploration in radar, electronics, aviation, communications, chemistry,

medicine, sanitation, disease control, mechanics, engineering and countless other fields are all important to you. For eventually you benefit from their inventions, developments and improvements.

This is your Army...an Army of which you can well be proud. Make a point of making its acquaintance on Army Day — April 6!

ASK FOR FULL INFORMATION AT ANY U.S. ARMY RECRUITING STATION

A GOOD JOB FOR YOU

U. S. Army

CHOOSE THIS

FINE PROFESSION NOW!



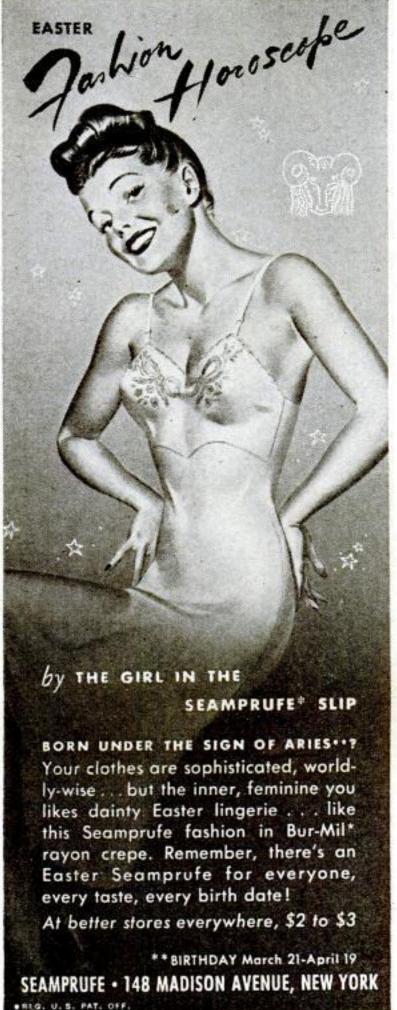
MOUNE ACCOMPANIES HERSELF IN "CHOCOLATE", A CREOLE SONG HER MOTHER WROTE. SHE SINGS IN FRENCH, FIRST EXPLAINING THE SONG IN BROKEN ENGLISH

### MOUNE

In New York nightclub a Parisian Negro sings mother's creole songs The newest in the line of sexily handsome Negro nightclub performers, represented by Hazel Scott and Lena Horne, is a French chanteuse named Cecile Moumoune de Virel Jean-Louis and more conveniently called Moune. More beautiful than Scott and more bosomy than Horne, Moune is less sensational than either as a performer. She makes her biggest hit at New York's Cafe Society Uptown with her mother's Guadeloupan creole songs. Moune inherited a musical tradition. Her great-

grandfather, a French count named de Virel, fled to Guadeloupe during the Revolution, married the musical daughter of the English consul, a Negro. Their daughter won honors for composition at 1893 World's Fair. Moune's mother has been called the female Stephen Foster of Guadeloupe. These talents never appeased the blue-blooded de Virels. They kept Moune from using their noble name in Paris where she made herself a sturdy reputation before coming to the U.S. this winter.







IN PARIS Moune's family listens eagerly as her mother reads mail from Moune. With them is U.S. Sgt. Paul Sklar, who heard Moune sing in Paris and recommended her to Cafe Society. At lower left is Moune's niece, who at 6 has already started a professional career in Paris, singing some of Moune's songs. Moune helps support her family by sending food and money to them.



IN HARLEM, Moune relaxes in a bubble bath after a long reducing session. The starchy diet of the war years in Paris made her fleshier than American standards allow. In a month of dieting she lost 20 pounds. Her age, Moune says with a heavy accent, is "21 ploos!" This means 28. Moune's father, a poet, was a Guadeloupan representative to the San Francisco Conference last year.

## 'INVISIBLE' LIQUID proves wonderful for SKINand SCALP IRRITATIONS

Promptly
Relieves
Itching—
Aids
Healing!



First applications of wonderful soothing medicated liquid Zemo—a Doctor's formula—promptly relieve intense itching and burning of Eczema, Psoriasis, Athlete's Foot and simple skin rashes due to external cause. Zemo also aids healing.

Apply clean, stainless, invisible Zemo any time—it won't show on skin. Amazing record of success. 3 7FMA





DURHAM-ENDERS RAZOR CORP., DEPT. L. MYSTIC. CONN





### What's the big attraction tonight?

1. You can see at a glance that the main attraction is the man himself, and not the clothes he's wearing, including that smart Stetson Whippet.

But you can also see that the thought this fellow gives

to his appearance doesn't do him any harm. Every detail of his outfit is right for the occasion.

Take a look at those good-looking clothes he's wearing, for example . . .



 His light-brown tweed topcoat and double-breasted worsted suit – in brown with a shadow stripe – are in good taste for an evening out, without being strictly formal.



3. His tan shirt makes a good backdrop for the red tie with black, gold, and silver stripes. Maroon socks and dark brown calfskin shoes blend right into the picture.



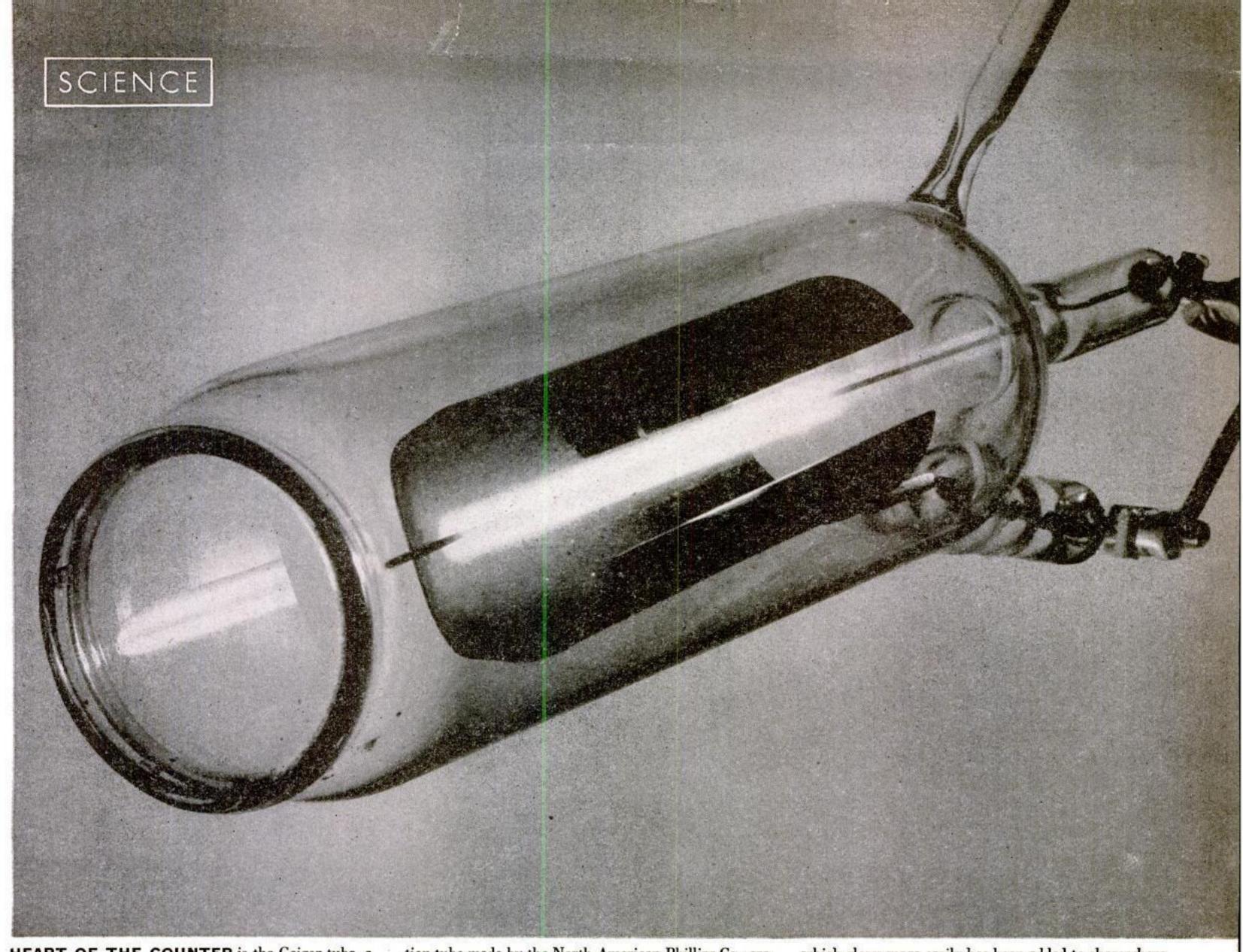
4. The crowning touch is the Stetson Whippet, in warm Chestnut Brown. The flattering proportions make it a dependable performer on any dress-up occasion. It's \$10.

#### Right for an evening out—The Royal STETSON Whippet

The name Stetson in a hat is your assurance of quality and fashion excellence. Stetson hats are made only by John B. Stetson Company and its subsidiary companies. Stetson hats are also made in Canada.



SEAGRAM'S 5 CROWN BLENDED WHISKEY. 721/2% GRAIN NEUTRAL SPIRITS. 86.8 PROOF. SEAGRAM-DISTILLERS CORP., CHRYSLER BUILDING, NEW YORK

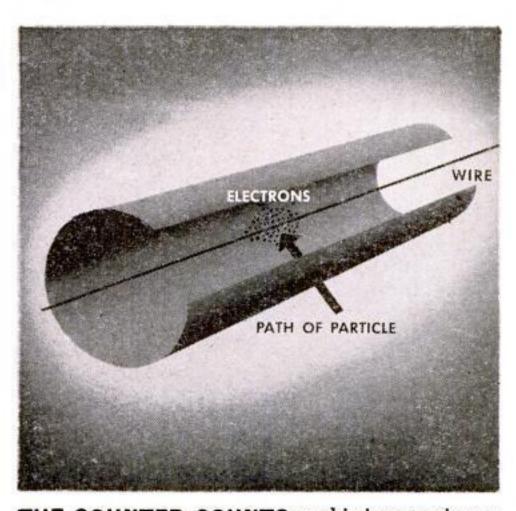


HEART OF THE COUNTER is the Geiger tube, a glass envelope containing two essential parts and an inert gas. The parts, here simplified in a demonstra-

tion tube made by the North American Phillips Co., are a wire and a metal cylinder. Between these is an electrical tension. Normally the gas does not glow, so a gas which glows more easily has been added to show where the tension is strongest. What happens when an atomic particle enters the area of tension is shown below.

## GEIGER COUNTER

Classical scientific instrument will be used at atomic bomb test



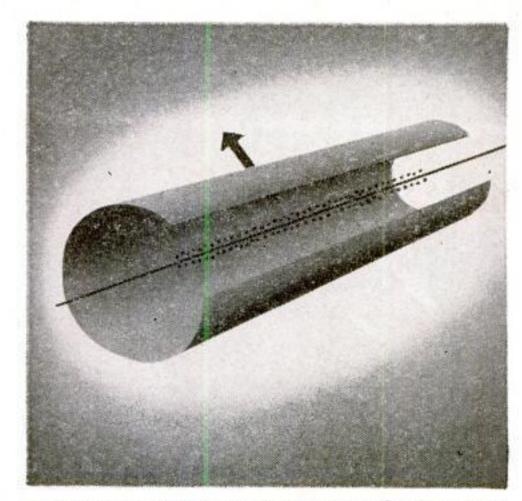
THE COUNTER COUNTS a whizzing atomic particle by recording a shower of electrons knocked out of gas atoms as the particle passes through the tube.

When the atomic bomb is set off at Bikini in May, official observers will do more than measure the damage to ships. The exact nature of the atomic explosion—how much radiant energy and how many particles from shattered atoms it gives off

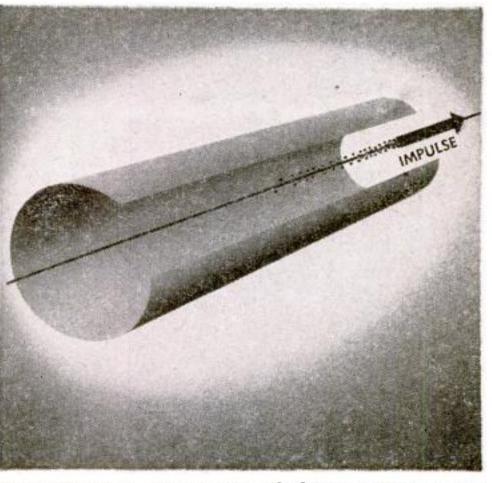
-will also be studied. The classical device for making such studies is the Geiger counter.

The Geiger counter is basically a glass tube containing a cylinder and wire which have a delicate electrical balance between them. When a single ray or particle enters, the balance is upset and the tube sends out an electrical impulse. The counter was invented in 1908 by a German

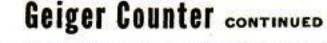
The counter was invented in 1908 by a German named Hans Geiger for pure research in the atom but since then it has become much more versatile. In addition to atomic particles it counts cosmic rays, gamma rays, X-rays and ultraviolet, all radiated by an atomic explosion. It can be made so sensitive that it will trip a fire alarm by the ultraviolet from a single match (see page 106).



ELECTRONS SPREAD instantaneously along wire, multiplying themselves by knocking electrons out of other atoms. The particle has passed out of the tube.



electrons is sent out of tube on the wire, indicating passage of one particle. Some Geiger tubes count 100,000 particles a second.







Wear this comfortable, featherweight SPIFFY COLLAR"STAY-DOWN" under your collar. Slips on in a jiffy-insert pinpoints under tips of collar points. Entirely invisible. Starched collar neatness with soft collar comfort. Saves shirts. If your dealer cannot supply you, order direct - 4 for \$1, postpaid.

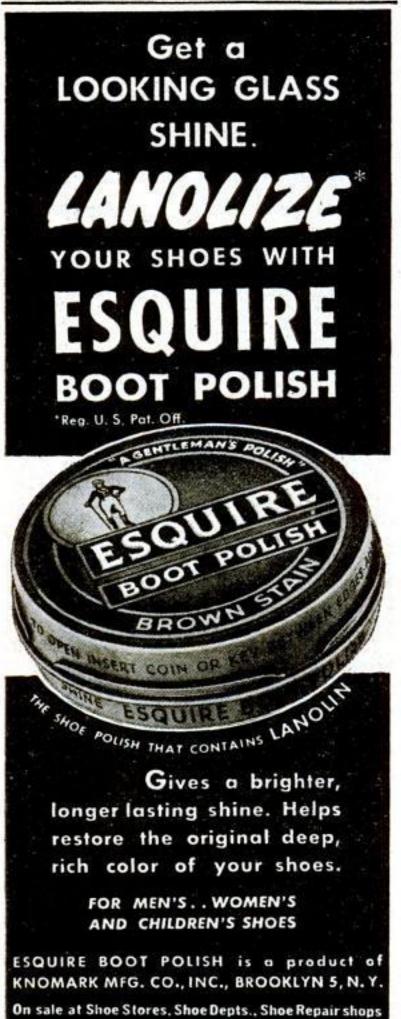
AT DRUG, TO-

INVISIBLE

adjustable — one size fits all collars

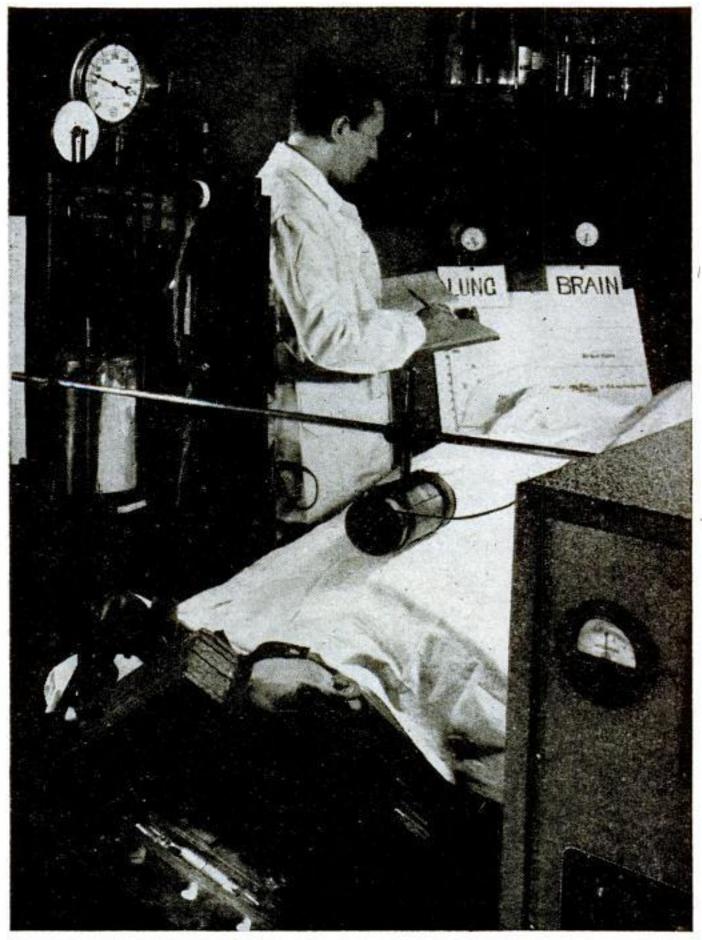
**COLLAR "STAY-DOWN"** 

CREST SPECIALTY, 665 West Washington Blvd., Chicago 6





DIFFERENT SIZES of Geiger tubes illustrate their vast variety. Big tubes pick up rays and particles which are few and far between. Both tubes above are used to count cosmic rays in the Bartol Foundation at Swarthmore, Pa.



BLOOD IS TRACED through the body by two counters at University of Pennsylvania. Man breathes air containing radioactive gas. Counters at head and lungs pick up particles given off by the gas as it passes through the body.



Real toilet bowl cleanliness is easy when Sani-Flush does the work. A clean toilet bowl has no odor. Sani-Flush cleans away discolorations and germ-laden, invisible film. Its chemical, disinfecting action saves messy scrubbing-ensures a clean, fresh toilet bowl. Millions like Sani-Flush because it's quick, easy, sanitary.

Sani-Flush is safe in septic tanks -effective in hard and soft water. Sold everywhere—two handy sizes.

The Hygienic Products Company, Canton 2, Ohio.

REGULARLY



LIFE has 22,000,000

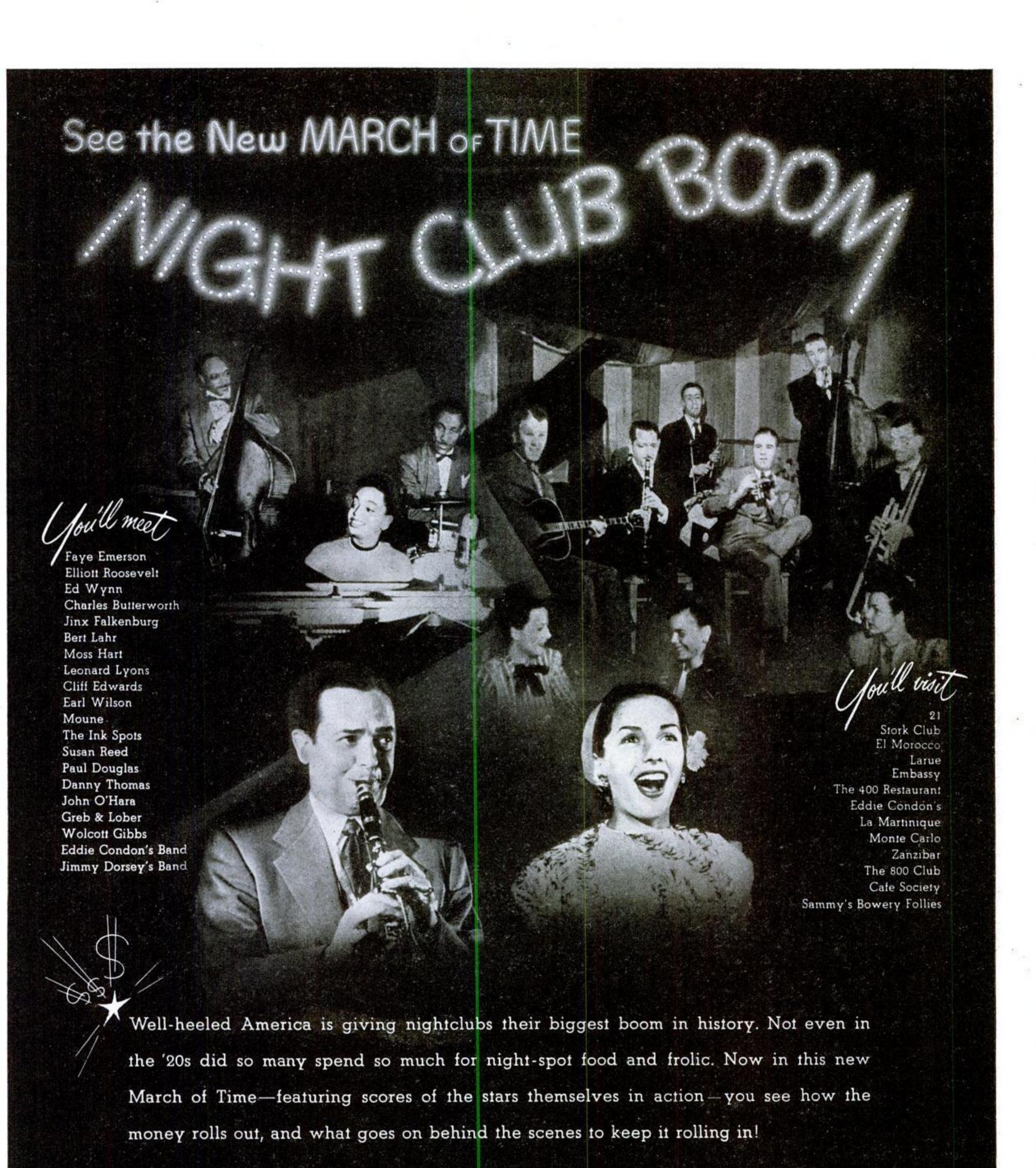


New model. New type metal handle has special device to adjust cutting height. Drive shaft now mounted on free rolling, factory lubricated, and sealed ball bearings. No tired backs or aching arms. 8½ lbs. of live precision made mechanism that first gathers, then cuts smoothly a clean 16" swath through grass, dandelions, spike grass and weeds. No noise or clatter. As modern and efficient as your electric razor. Cuts right up to walls, fences, trees or posts; leaves no fringes to be trammed by hand. Cutters are self-sharpening. Built to last many years, Many thousands sharpening. Built to last many years. Many thousands in use. Sold direct from factory. Costs little. Write at once for guarantee information and literature.

MONTAMOWER DISTRIBUTING CO. GRAND RAPIDS 2, MICHIGAN



CONTINUED ON PAGE 106



THE CENTURY-FOX

PRODUCED BY THE EDITORS OF TIME AND LIFE

RELEASED BY



ADVERTISED IN

famous products . . .

to 22,000,000 LIFE

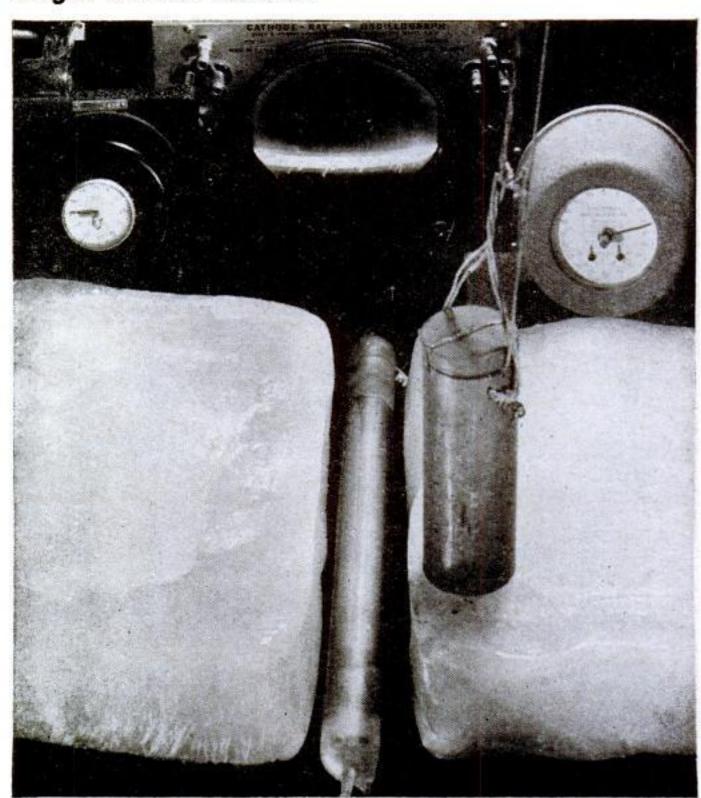
readers each week



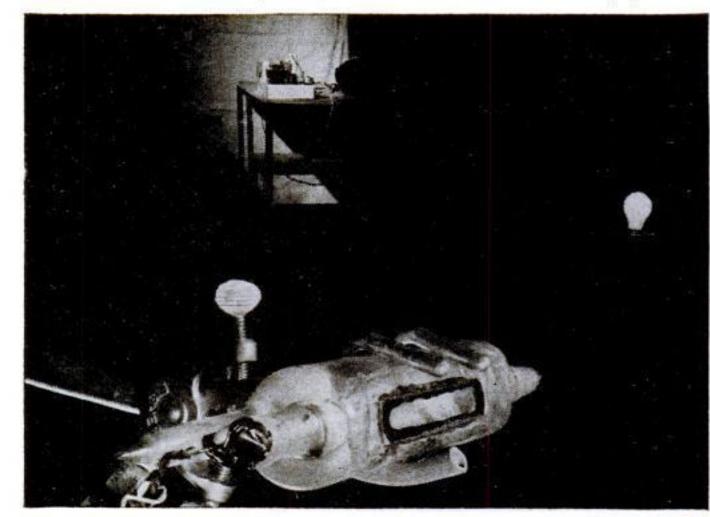


## EYE-GENE 2 DROPS CLEAR, SOOTHE IN SECONDS

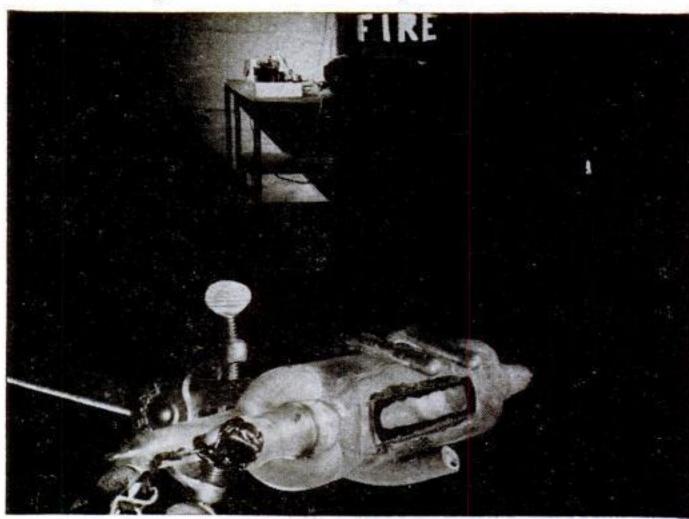
#### Geiger Counter CONTINUED



NEUTRONS ARE COUNTED by a special method. Counter in center contains a substance which gives off other particles when bombarded with neutrons from can. Cathode ray screen and dials count these secondary particles.

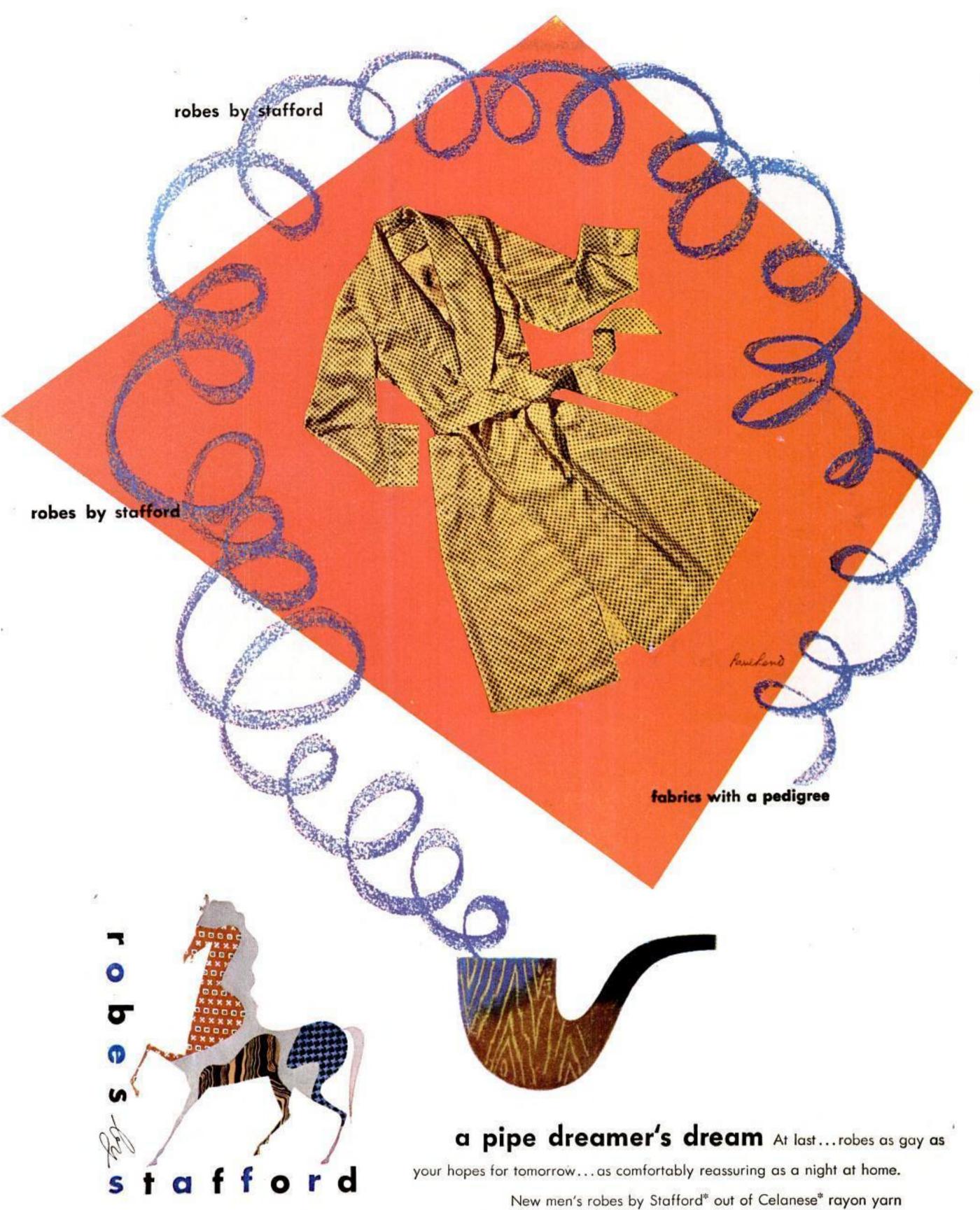


AS A FIRE ALARM the counter works by measuring ultraviolet rays. The light bulb at right gives off a comparatively large amount of radiant heat but tube does not register this and the alarm system in the rear is not set off.



SINGLE MATCH (right) trips counter, lights up fire signal. Though it gives off less heat than bulb, flame gives off more ultraviolet, which counter registers. Counter is thus much more selective and sensitive than other devices.

CONTINUED ON PAGE 109



New men's robes by Stafford\* out of Celanese\* rayon yarn in colors that sing and patterns that live. You will find

robes by Stafford at the better men's and department stores...

bearing that famous trademark...the Stafford Stallion...

symbol of fabrics with a pedigree. staffordwear

Stafford fabrics are woven in the Pennsylvania hills and printed in the little New England town for which they are named.

©1946, GOODMAN & THEISE INC. 16 E, 34 ST., NEW YORK 16, N.Y. #REG. U. S. PAT. OFF.

# Of Topmost Choice

One sip of OLD TAYLOR and you'll see how truly this noble bourbon follows the finest tradition of Kentucky distilling.

Here is the embodiment of generations of skilled effort — here are mellowness, bouquet and flavor found only under Kentucky's most honored labels. Take that sip now and see why OLD TAYLOR so richly deserves the place it holds among bourbons of topmost choice.

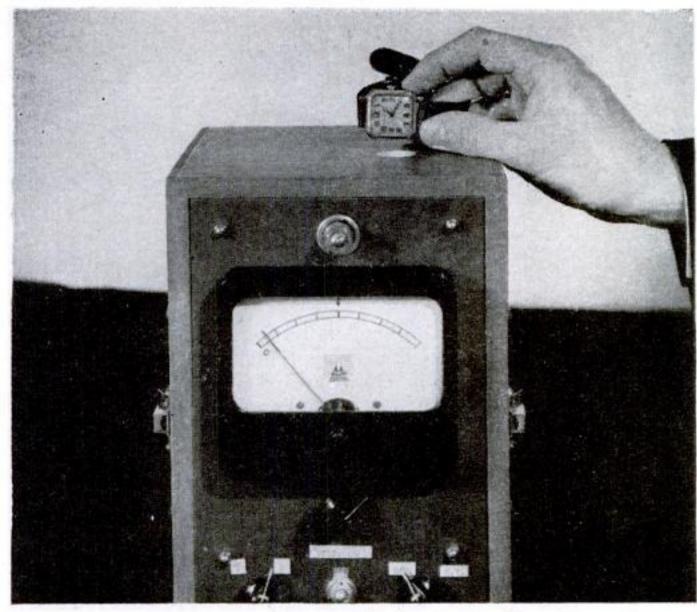
NATIONAL DISTILLERS PRODUCTS CORPORATION, NEW YORK



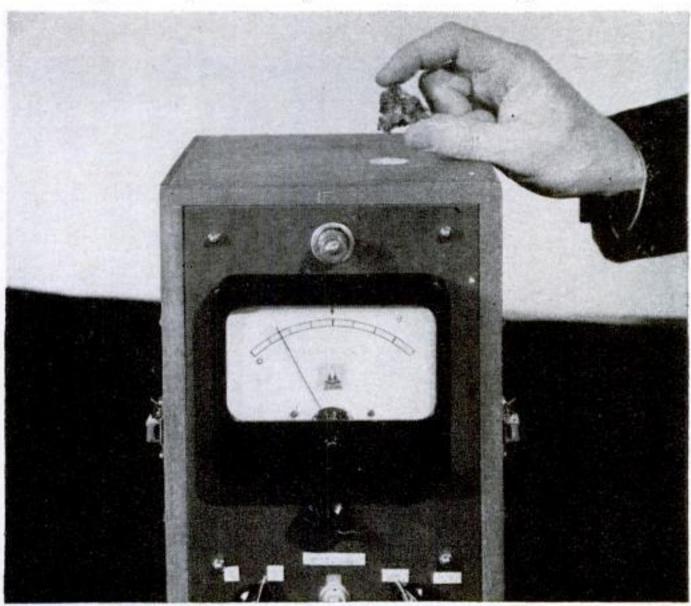
# KENTUCKY STRAIGHT BOURBON WHISKEY

BOTTLED IN BOND 100 PROOF

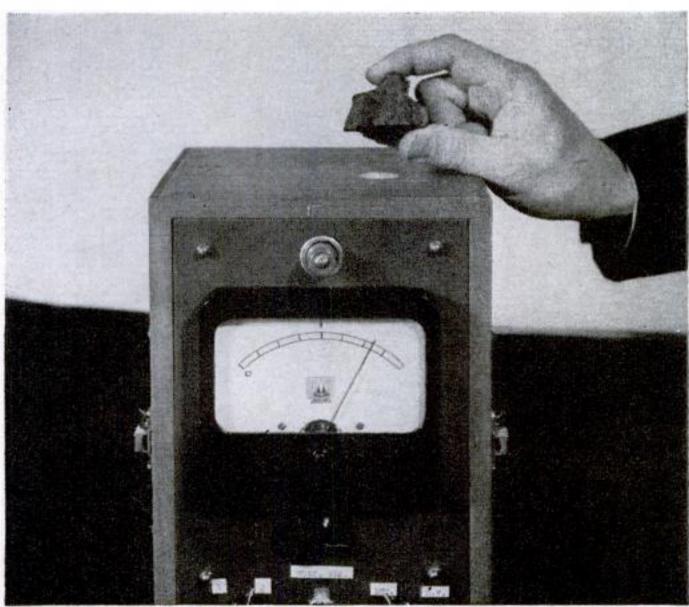
### Geiger Counter CONTINUED



RADIOACTIVITY IS MEASURED by the counter. Here the tiny amount of radium in a luminescent watch dial is indicated by reading on meter. Particles and gamma rays emitted by radium are recorded by tube inside box.



RADIOACTIVE SAND from the crater of the New Mexico atomic bomb test causes a higher reading. The sand was made temporarily radioactive by the shower of particles from the explosion. It was also fused by the heat.

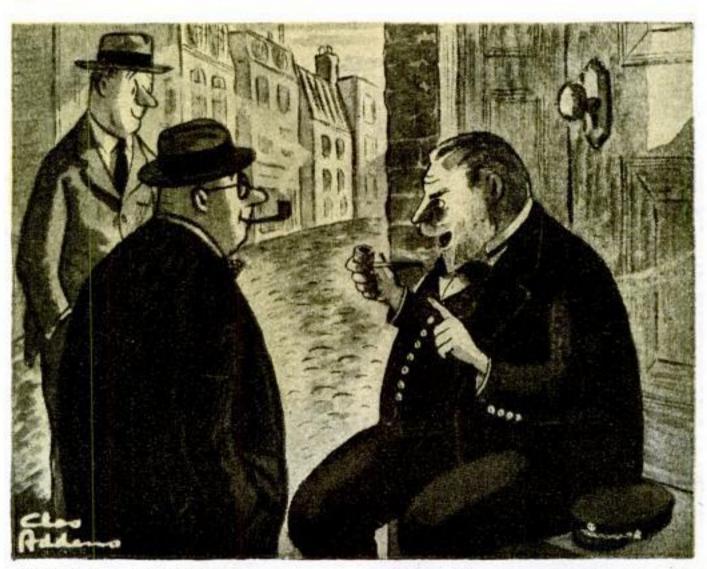


RADIOACTIVE STEEL from the New Mexico crater, also made artificially radioactive by the explosion, causes a dangerously high reading. Such counters are valuable to determine if radioactive materials are safe to handle.

# PIPE TYPES . . . . . by Addama



THE HENPECKED PUFFER. His wife is so anxious for him to smoke a pipe, she keeps giving him odd pipes, queer pipe racks and strange gadgets. The *sure* way to make a man a pipe-lover is to give him Briggs. It's a man's smoke . . . honest flavor, rich, fragrant aroma, satisfying mellowness!



THE YARN SPINNER. A new yarn and an old pipe are always on his lips. He seems to be an expert on everything, especially tobacco. Says he prefers Briggs because it's aged in oaken casks for years—extra-aged for rare mildness, time-given flavor. If it's character you want in a smoke—you want Briggs!



CASK-MELLOWED EXTRA LONG FOR EXTRA FLAVOR

IN A GRASS SKIRT which he had purchased in the Philippines for \$7.50, Vern Tobias had this picture taken, then sent it on to Eleanor Mager (below).



IN THE SAME GRASS SKIRT, received from Vern, Eleanor had her picture taken, sent it to him. Exchange of such pictures produced romance.

# Life Follows the Course of True Love

### Soldier's romance by mail results in a happy wedding

In wartime Hawaii the nights were dull and dark with boredom and blackout. For American soldiers stationed on the islands there was little to do except swap reminiscences of home. One lonely night in January 1943, Pvt. David Mager of the 598th Signal Aircraft Warning Battalion was showing pictures of his family to his good friend Sgt. Vern Tobias of the same outfit. A picture of David's sister Eleanor caught Vern's eye. "I believe I'll write to her," said Vern.

Thus began a true romance. As Vern moved on to Leyte in the Philippines, he and Eleanor began a regular correspondence, exchanged pictures (left), finally got engaged by mail. Last fall Vern arrived back home in Kansas for discharge. Because Eleanor was in Massachusetts, it was not until this February that he could get a vacation from his job and make arrangements to go east to claim her as his bride. At last, the night of Feb. 25, while Eleanor sat expectantly at home peeking through drawn curtains, Vern drove his car into her driveway. She rushed out on the porch and they fell into each other's arms. On March 9 the course of true love ended happily (see bottom opposite page).



AT THEIR FIRST MEETING Vern and Eleanor cling happily together. "Gee, it's so good to have you here," was all she could say. Vern just held her tightly to him.



GETTING ACQUAINTED the day after Vern's arrival, Vern and Eleanor romp in the snow. He thought she looked very wonderful in white ski pants and scarlet jacket.



ELEANOR'S HIGH-SCHOOL YEARBOOK provides a laugh. Under her picture is the caption "a friendly, happy lass." In background is her cousin's wedding picture.



WEDDING PARTY consists of (left to right, front row) Best Man Daniel Stefanski, the groom, Flower Girl Sandra Lee Safford, the bride, Minister G. Edgar Folk, Ma-

tron of Honor Mrs. Rodney L. Kenyon, bride's mother, bride's brother David and Usher Rodney L. Kenyon. Double-ring ceremony was performed in Methodist Church.





NON-ALCOHOLIC CONTAINS LANOLIN! GROOMS THE HAIR RELIEVES DRYNESS

**REMOVES LOOSE DANDRUFF** 

LANOLIN is an oil resembling the natural oil of the human skin! No wonder 4 out of 5 users in a nation-wide test preferred Wildroot Cream-Oil to other hair tonics. Get it today from your barber or drug counter.

IMPORTANT: Smart women use Wildroot Cream-Oil for quick grooming, and to relieve dryness. Also excellent for training children's hair!

CREAM-OIL CHARLIE SAYS:

TUNE IN: THE WOODY HERMAN SHOW every Friday night on ABC (Blue) Network

SMAKE WELL BEFORE USING

Contains LANOLIN

GROOMS THE HAIR

RELIEVES DRYNESS

REMOVES

LOOSE DANDRUFF

WILDROOT CO., INC.



THROUGH SPRINKLES OF CONFETTI bride and groom leave home. Their presents ranged from a can opener to a pair of white kid baby shoes.



BREAKFAST IN BED is served to them next morning in their suite at the Copley-Plaza in Boston. When they arrived at the hotel the night before,

OFF THEY GO in Vern's 1935 Chevrolet. Earlier they had been driven for a "toot" with blowing horns through the streets of downtown Fitchburg.

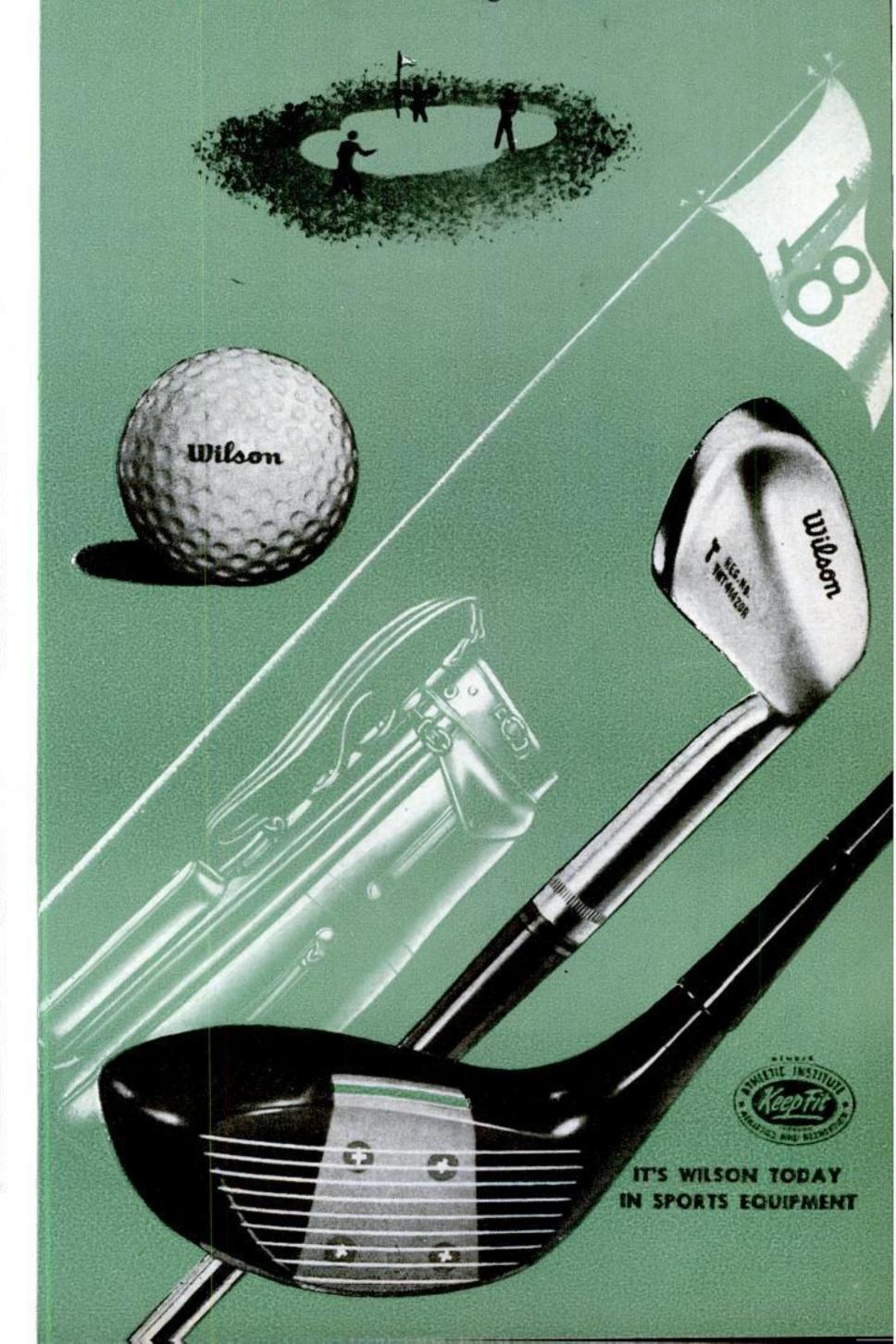


the bride's mother was there waiting for them, but after upsetting everybody with an announcement that she would stay until midnight, she left.

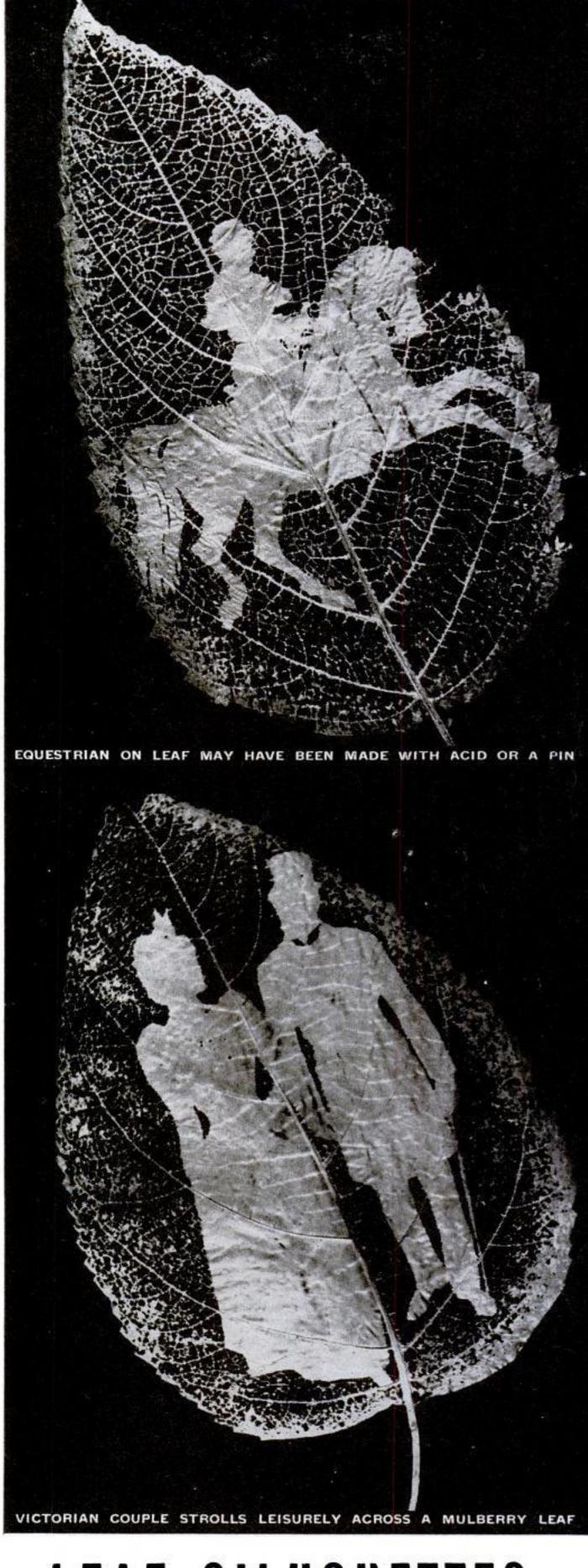
# III and the last word in

Wilson stands for the modern era in sports and in sports equipment. The Wilson saga began at the time when those interested in our sports were beginning to reach out for newer, better ways. Wilson stands for today—for what's new—for the spirit of progress. Wilson men, aided by the great stars and coaches on our Advisory Staff, have always been keyed to think in terms of new skills—new speed—new thrills in our sports. Wilson means modern—today—TOMORROW—the LAST WORD in modern equipment for modern play. Wilson Sporting Goods Co., Chicago, New York, and other leading cities.

modern sports equipment

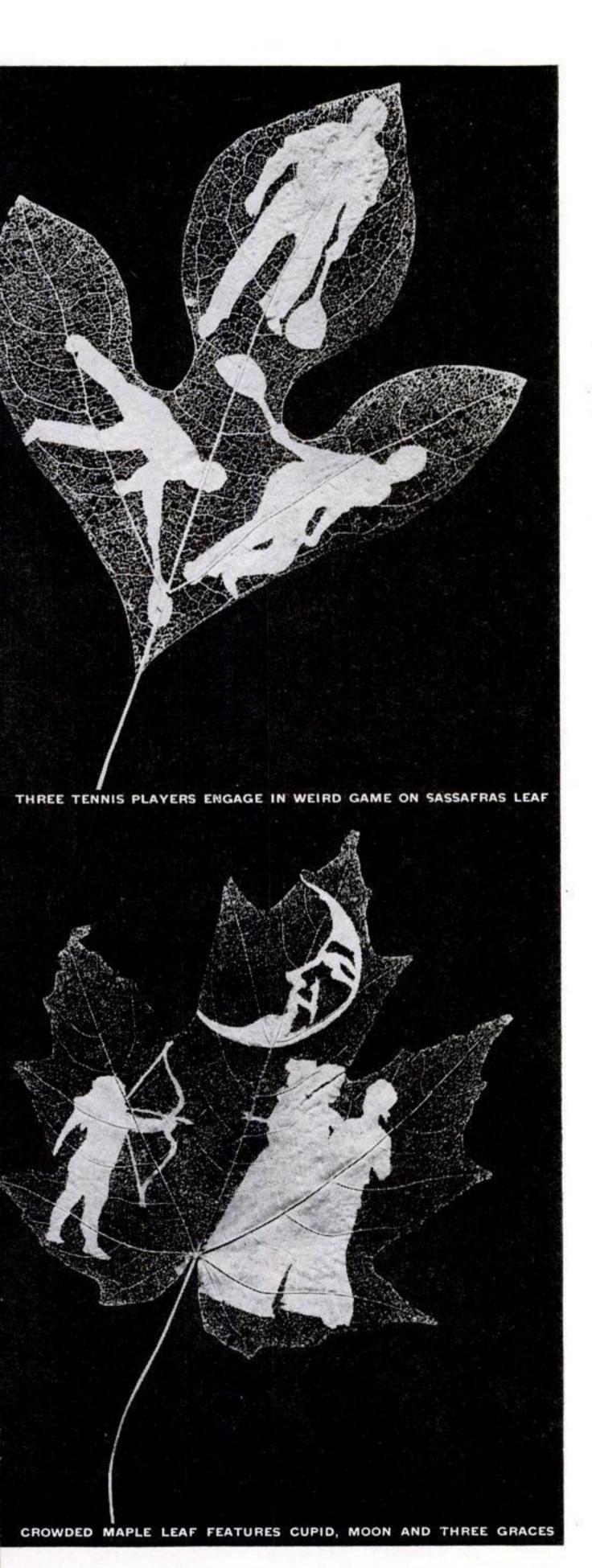






# LEAF SILHOUETTES

Foliage designs are examples of a dying art



The practice of silhouetting designs in leaves was once indulged in largely by maiden ladies and artistic children. Today it is a dying art, and good examples of it are rare. The ones on these pages were found in an old attic trunk by Mrs. Francis Carroll of Little Compton, R. I. The trick in executing the designs was to cut them on the leaf structure without destroying delicate tracery of the veins. Usually a pin or razor blade was used. Once properly dried, leaves keep for decades.



"I'm using Tavern Wax—the lustre lasts longer—saves work, too!" Right you are, lady! Socony-Vacuum puts a special ingredient in Tavern Floor Wax. It comes from a tropical palm tree, and it's called Carnauba wax. This amazingly durable, imported wax gives Tavern-waxed floors a longer-lasting lustre. Helps Tavern's tough surface shed dirt, wear better, clean easier—resist even water spots!

Tavern Non-Rub Floor Wax is quickly applied to linoleum, wood, rubber or asphalt tile floors. It's dry—and shining—in 20 minutes! Tavern paste and liquid buffing waxes clean as they polish . . . bring out the beauty of wood floors . . . protect woodwork, windowsills, painted surfaces. Use the type you prefer.



# the TONE tells you

this is the FINEST AUTO RADIO that money can buy!



## FITS and MATCHES the car you're driving

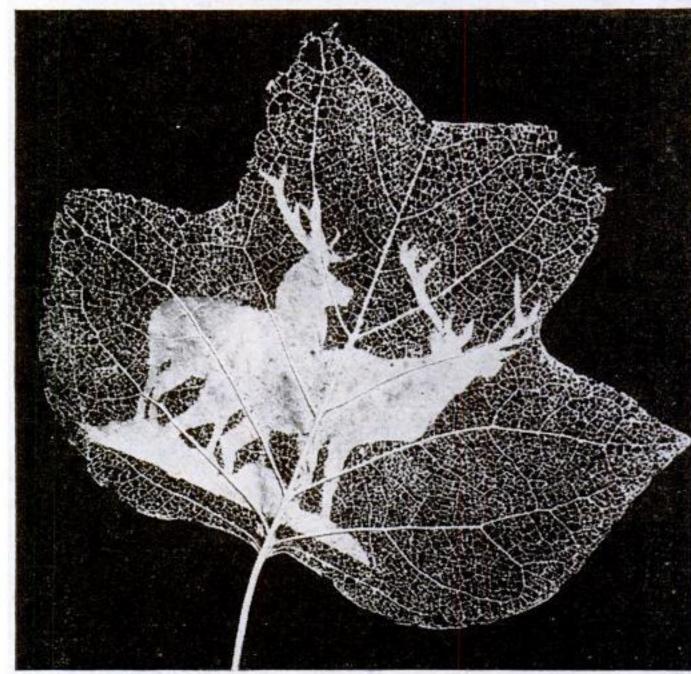
You don't have to look for gadgets and gimcracks to discover the superiority of the new Motorola Auto Radio—just turn it on and let the radiant brilliance of its tone sing its way into your heart. And this is important—only Motorola brings you this concert-quality tone no matter how fast or how far you drive. Of course the Motorola will exactly fit and match the car you're driving or the new car you will drive—regardless of make or model. Be sure to see, hear and own this newest, finest of all auto radios.



GALVIN MFG. CORPORATION . CHICAGO 51



APLE LEAF DESIGN SHOWS GEESE AND A MAN BALANCING WATER JUGS



BRACE OF REINDEER ARE CLEARLY OUTLINED ON TULIP-TREE LEA



MRS. CARROLL found 75 leaves in trunk inherited from her great-aunt. It would take careful leaf artist as long as two weeks to do elaborate design.

# Choice of a lifetime...



Treat yourself to the finest Golden Wedding in more than half a century. Linger over its lighter, finer flavor. It's the discriminating whiskey drinker's choice of a lifetime.



Has
had no
peers for
fifty
years

BLENDED WHISKEY, 86 PROOF, 721/8 GRAIN NEUTRAL SPIRITS, JOSEPH S. FINCH & COMPANY, SCHENLEY, PA.



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